



## Transfer Guide

### UAH and Alabama Community Colleges

### Computer Science (CS) Major

Courses listed below can be taken at an any Alabama Community College (ACC) and *may be* applied toward a Computer Science 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 244, MA 385 and and one additional 200+ level Math class are required. MA 385 taken at UAH only.                     |   |  |            |              |
| 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 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            |
| Linear Algebra  | MTH 237   | MA 244   | Area V     | 3            |
| Differential Equations  | MTH 238   | MA 238   | Area V     | 3            |
| Natural/Lab Sciences 3 Lab Sciences required. Choose BYS 119 + 120, CH 121/125 + CH 123/126, or PH 111/114 + PH 112/115, plus one more lab science. |   |  |            |              |
| Course Title  | ACC Course  | UAH Equivalent   | STARS Area | Credit Hours |
| Biology I   | BIO 103   | BYS 119  | Area III   | 4            |
| Biology II  | BIO 104   | BYS 120  | Area III   | 4            |
| General Chemistry I   | CHM 111   | CH 121/125   | Area III   | 4            |
| General Chemistry II  | CHM 112   | CH 123/126   | 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            |
| Prin of Mod Physics   | PHY 218   | PH 113/116   | Area V     | 4            |
| Physical Science  | PHS 111   |  | Area V     | 4            |
| Intro to Astronomy  | AST 220   | AST 106  | Area V     | 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 Sciences   |   |  |            |              |
| 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            |
| Advanced C++ Programming  | CIS 252   | CS 121   |            | 3            |