

## AS COMPUTER INFORMATION TECHNOLOGY – COMPUTER INFORMATION SYSTEMS TO UNIVERSITY OF HOUSTON-CLEAR LAKE BS COMPUTER SCIENCE

| FALL                           |                                    |              | SPRING                           |  |              | SUMMER<br>(IF APPLICABLE)        |             |              |
|--------------------------------|------------------------------------|--------------|----------------------------------|--|--------------|----------------------------------|-------------|--------------|
| Course                         | Title                              | Credit Hours | Course                           | Title                                    | Credit Hours | Course                           | Title       | Credit Hours |
| COSC 1436                      | Programming Fundamentals – C++     | 4            | COSC 1437                        | Program Fundamentals II - JAVA           | 4            | MATH 2414                        | Calculus II | 4            |
| ENGL 1301                      | English Composition I +            | 3            | COSC 2325                        | Computer Organization & Machine Language | 3            |                                  |             |              |
| MATH 2412                      | College Algebra +                  | 3            | ENGL 1302                        | English Composition II +                 | 3            |                                  |             |              |
| SBS CORE                       | Social & Behavioral Science Core + | 3            | GOVT 2306                        | Texas Government +                       | 3            |                                  |             |              |
|                                |                                    |              | MATH 2413                        | Calculus I +                             | 4            |                                  |             |              |
| <b>Fall Total Credit Hours</b> |                                    | <b>13</b>    | <b>Spring Total Credit Hours</b> |  | <b>17</b>    | <b>Summer Total Credit Hours</b> |             | <b>4</b>     |

| FALL                               |  |              | SPRING                           |  |              | SUMMER<br>(IF APPLICABLE)        |       |              |
|------------------------------------|--|--------------|----------------------------------|--|--------------|----------------------------------|-------|--------------|
| Course                             | Title  | Credit Hours | Course                           | Title                                  | Credit Hours | Course                           | Title | Credit Hours |
| HIST 1301                          | United States History I +                      | 3            | HIST 1302                        | United States History II +             | 3            |                                  |       |              |
| COSC 2336                          | Programming Fundamentals III - Data Structures | 3            | GOVT 2305                        | Federal Government +                   | 3            |                                  |       |              |
| CA CORE                            | Creative Arts Core +                           | 3            | LPC CORE                         | Language, Philosophy, & Culture Core + | 3            |                                  |       |              |
| PHYS 2425                          | University Physics I +                         | 4            | PHYS 2426                        | University Physics II +                | 4            |                                  |       |              |
| <b>Fall Total Credit Hours</b>     |  | <b>13</b>    | <b>Spring Total Credit Hours</b> |  | <b>13</b>    | <b>Summer Total Credit Hours</b> |       |              |
| <b>Total Program Hours</b>         |  |              |                                  |  |              |                                  |       | <b>18</b>    |
| <b>Total Core Curriculum Hours</b> |  |              |                                  |  |              |                                  |       | <b>42</b>    |
| <b>Total Hours</b>                 |  |              |                                  |  |              |                                  |       | <b>60</b>    |

**NOTES/COMMENTS:**

+ Core Curriculum course

**Admissions:**

Must be in good academic and behavioral standing.

Must complete the ACC-accredited AS in Computer Information Technology with a cumulative GPA of 2.0 on a 4.0 scale for all college work attempted.

Must complete all lower-level required courses for the Computer Information Technology program with a grade of C or better and a minimum GPA of 2.0 on a 4.0 scale for all required courses.

Must meet admission standards and comply with admission procedures of UHCL.

UHCL may limit the Agreement of transfer credits accepted from an ACC student that exceed seventy-five (75) semester credit hours or that were accepted in transfer by ACC from a non-accredited foreign or non-regionally accredited institution.

All determinations that an ACC student has satisfied the pre-requisites for admission and the application of credit to a UHCL program of study shall be made at the absolute discretion of UHCL.