

# BELHAVEN UNIVERSITY

## CHECKLIST FOR GRADUATION REQUIREMENTS IN **COMPUTER SCIENCE**

### BACHELOR OF SCIENCE - **FRESHMAN**

Minimum of 124 credit hours required for graduation

NAME \_\_\_\_\_

ID# \_\_\_\_\_

|                   |           |
|-------------------|-----------|
| General Education | 34 hours  |
| Major             | 51 hours  |
| General Electives | 39 hours  |
| Total             | 124 hours |

#### **FRESHMAN YEAR (FALL):**

|                                       |           |
|---------------------------------------|-----------|
| BU 101 Belhaven Basics                | (1) _____ |
| BIB 220 Exploring the Old Testament   | (3) _____ |
| ENG 101 Freshman English I            | (3) _____ |
| CSC 111 Programming Fundamentals*     | (3) _____ |
| CSC 112 Programming Fundamentals Lab* | (1) _____ |
| MAT 207 Calculus I*                   | (3) _____ |

**Total: 14**

#### **FRESHMAN YEAR (SPRING):**

|                                      |           |
|--------------------------------------|-----------|
| BIB 221 Exploring the New Testament  | (3) _____ |
| ENG 102 Freshman English II*         | (3) _____ |
| CSC 121 Interactive Programming      | (3) _____ |
| CSC 122 Interactive Programming Lab* | (1) _____ |
| MAT 208 Calculus II*                 | (3) _____ |
| General Elective                     | (3) _____ |

**Total: 16**

#### **SOPHOMORE YEAR (FALL):**

|   |           |
|---|-----------|
| ENG 225 Ancient Literature*               | (3) _____ |
| HIS 225 Ancient History*                  | (3) _____ |
| HUM 225 Biblical Themes I*                | (1) _____ |
| CSC 211 Application Design*               | (3) _____ |
| CSC 212 Application Design Lab*           | (1) _____ |
| CSC 233 Intro to C (Rize)                 | (3) _____ |
| MAT 305 or 311 Statistics/Linear Algebra* | (3) _____ |

**Total: 17**

#### **SOPHOMORE YEAR (SPRING):**

|  |           |
|--|-----------|
| ENG 226 Enlightenment to 21 <sup>st</sup> Century* | (3) _____ |
| HIS 226 Enlightenment to 21 <sup>st</sup> Century* | (3) _____ |
| HUM 226 Biblical Themes II*                        | (1) _____ |
| CSC 221 Effective Programming*                     | (3) _____ |
| CSC 222 Effective Programming Lab*                 | (1) _____ |
| CSC 231 Data Structures                            | (3) _____ |
| MAT 303 Discrete Mathematics*                      | (3) _____ |

**Total: 17**

#### **JUNIOR YEAR (FALL):**

|   |           |
|---|-----------|
| CSC Elective I                            | (3) _____ |
| MAT 305 or 311 Statistics/Linear Algebra* | (3) _____ |
| General Elective                          | (3) _____ |
| General Elective                          | (3) _____ |
| General Elective                          | (3) _____ |

**Total: 15**

#### **JUNIOR YEAR (SPRING):**

|                               |           |
|-------------------------------|-----------|
| SCI 125 or 126 Gen Ed Science | (4) _____ |
| CSC Elective II               | (3) _____ |
| General Elective              | (3) _____ |
| General Elective              | (3) _____ |
| General Elective              | (3) _____ |

**Total: 16**

#### **SENIOR YEAR (FALL):**

|   |           |
|---|-----------|
| CSC Elective III                            | (3) _____ |
| CSC 441 Special Topics in Computer Science* | (1) _____ |
| General Elective                            | (3) _____ |
| General Elective                            | (3) _____ |
| General Elective                            | (3) _____ |
| General Elective                            | (1) _____ |

**Total: 14**

#### **SENIOR YEAR (SPRING):**

|                                   |           |
|-----------------------------------|-----------|
| CSC Elective IV                   | (3) _____ |
| CSC 442 Computer Science Project* | (1) _____ |
| WVC 401 Kingdom Life*             | (3) _____ |
| General Elective                  | (3) _____ |
| General Elective                  | (3) _____ |
| General Elective                  | (2) _____ |

**Total: 15**

**\*Course has prerequisites; Please see catalogue for details**

**CHAPEL IS REQUIRED FOR ALL STUDENTS FOR EACH SEMESTER THEY ATTEND BELHAVEN**