

# BELHAVEN UNIVERSITY

## CHECKLIST FOR GRADUATION REQUIREMENTS IN **CHEMISTRY**

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

Minimum of 124 credit hours required for graduation

NAME \_\_\_\_\_

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

|                   |           |
|-------------------|-----------|
| General Education | 34 hours  |
| Major             | 42 hours  |
| General Electives | 48 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) _____ |
| CHE 111 General Chemistry I*        | (3) _____ |
| CHE 113 General Chemistry I Lab*    | (1) _____ |
| General Elective                    | (3) _____ |
| General Elective                    | (3) _____ |

**Total: 17**

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

|                                     |           |
|-------------------------------------|-----------|
| BIB 221 Exploring the New Testament | (3) _____ |
| ENG 102 Freshman English II*        | (3) _____ |
| CHE 112 General Chemistry II*       | (3) _____ |
| CHE 114 General Chemistry II Lab*   | (1) _____ |
| General Elective                    | (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) _____ |
| MAT 207 Calculus I*              | (3) _____ |
| CHE 215 Organic Chemistry I*     | (3) _____ |
| CHE 217 Organic Chemistry I Lab* | (1) _____ |
| General Elective                 | (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) _____ |
| CHE 216 Organic Chemistry II*                      | (3) _____ |
| CHE 218 Organic Chemistry II Lab*                  | (1) _____ |
| SCI 125 or 126 Gen Ed Science                      | (4) _____ |

**Total: 15**

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

|                                             |           |
|---------------------------------------------|-----------|
| CHE 316 Quantitative Chemical Analysis*     | (3) _____ |
| CHE 317 Quantitative Chemical Analysis Lab* | (1) _____ |
| PHY 241 General Physics I*                  | (3) _____ |
| PHY 243 General Physics I Lab*              | (1) _____ |
| General Elective                            | (3) _____ |
| General Elective                            | (3) _____ |

**Total: 14**

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

|                                 |           |
|---------------------------------|-----------|
| Biochemistry with Lab*†         | (4) _____ |
| PHY 242 General Physics II*     | (3) _____ |
| PHY 242 General Physics II Lab* | (1) _____ |
| General Elective                | (3) _____ |
| General Elective                | (3) _____ |
| General Elective                | (3) _____ |

**Total: 17**

† CHE 415/417 or CHE 416/418

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

|                            |           |
|----------------------------|-----------|
| CHE 441 Chemistry Seminar* | (1) _____ |
| Chemistry Elective         | (1) _____ |
| General Elective           | (3) _____ |
| General Elective           | (3) _____ |
| General Elective           | (3) _____ |
| General Elective           | (3) _____ |

**Total: 14**

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

|                               |           |
|-------------------------------|-----------|
| WVC 401 Kingdom Life*         | (3) _____ |
| Physical Chemistry with Lab*† | (4) _____ |
| CHE 442 Chemistry Seminar*    | (1) _____ |
| General Elective              | (3) _____ |
| General Elective              | (3) _____ |

**Total: 14**

†CHE 421/423 or CHE 422/424

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

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

For assistance reading this document contact the Registrar's Office.

Revised 11/25/2024