

BELHAVEN UNIVERSITY

CHECKLIST FOR GRADUATION REQUIREMENTS IN CHEMISTRY: CHEMICAL PHYSICS BACHELOR OF SCIENCE

Minimum of 124 credit hours required for graduation

NAME _____

ID# _____

| | |
|-------------------|-----------|
| General Education | 37 hours |
| Major | 51 hours |
| General Electives | 36 hours |
| Total | 124 hours |

FRESHMAN YEAR (FALL):

| | | |
|--|-----|-------|
| BU 101 or 102 BU Basics/Transfer Success | (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) | _____ |
| MAT 207 Calculus I* | (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) | _____ |
| 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) | _____ |
| PHY 241 General Physics I* | (3) | _____ |
| PHY 243 General Physics I Lab* | (1) | _____ |
| CHE 215 Organic Chemistry I* | (3) | _____ |
| CHE 217 Organic Chemistry I Lab* | (1) | _____ |

Total: 15

SOPHOMORE YEAR (SPRING):

| | | |
|--|-----|-------|
| ENG 226 Enlightenment to 21 st Century* | (3) | _____ |
| HIS 226 Enlightenment to 21 st Century* | (3) | _____ |
| HUM 226 Biblical Themes II*† | (1) | _____ |
| CHE 216 Organic Chemistry II* | (3) | _____ |
| CHE 218 Organic Chemistry II Lab* | (1) | _____ |
| PHY 242 General Physics II* | (3) | _____ |
| PHY 244 General Physics II Lab* | (1) | _____ |

Total: 15

†Transfer students take WVC 302 instead of HUM 225 and 226

JUNIOR YEAR (FALL):

| | | |
|--------------------------------------|-----|-------|
| CSC 111 Programming Fundamentals | (3) | _____ |
| CSC 112 Programming Fundamentals Lab | (1) | _____ |
| SCI 125 or 126 Gen Ed Science | (4) | _____ |
| General Elective | (3) | _____ |
| General Elective | (3) | _____ |

Total: 14

JUNIOR YEAR (SPRING):

| | | |
|---|-----|-------|
| Biochemistry Option | (4) | _____ |
| CHE 316 Quantitative Chemical Analysis* | (3) | _____ |
| CHE 317 Quantitative Chemical Analysis Lab* | (1) | _____ |
| General Elective | (3) | _____ |
| General Elective | (3) | _____ |
| General Elective | (3) | _____ |

Total: 17

SENIOR YEAR (FALL):

| | | |
|-----------------------------------|-----|-------|
| CHE 421 Physical Chemistry I* | (3) | _____ |
| CHE 423 Physical Chemistry I Lab* | (1) | _____ |
| CHE 441 Chemistry Seminar* | (1) | _____ |
| Chemistry Elective | (1) | _____ |
| General Elective | (3) | _____ |
| General Elective | (3) | _____ |
| General Elective | (3) | _____ |

Total: 15

SENIOR YEAR (SPRING):

| | | |
|---------------------------------|-----|-------|
| WVC 401 Kingdom Life* | (3) | _____ |
| CHE 422 Physical Chemistry II* | (3) | _____ |
| CHE 424 Physical Chemistry Lab* | (1) | _____ |
| CHE 442 Chemistry Seminar* | (1) | _____ |
| General Elective | (3) | _____ |
| General Elective | (3) | _____ |

Total: 15

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

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

Revised 7/10/2025