

BELHAVEN UNIVERSITY

2018-2019

**CHECKLIST FOR GRADUATION REQUIREMENTS IN CHEMISTRY – BACHELOR OF SCIENCE
(CHEMICAL PHYSICS CONCENTRATION) - FRESHMAN**
Minimum of 124 credit hours required for graduation

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|---------------------------------------|---------------|
| Number of Hours in General Education: | 37 hours |
| Number of Hours in Major: | 53 hours |
| Number of General Electives: | 34-36 hours |
| Total Number of Hours: | 124-126 hours |

Name: _____

ID #: _____

FRESHMAN YEAR (FALL):

BU101 Belhaven Basics (1 c.h.) _____
 BIB220 OT Survey (3 c.h.) _____
 ENG101 Freshman English I (3 c.h.) _____
 CHE111 General Chemistry I* (3 c.h.) _____
 CHE113 General Chemistry I Lab*(1 c.h.) _____
 MAT207 Calculus I* (3 c.h.) _____
 General Elective _____ (3 c.h.) _____

Total Hours (17 c.h.)

SOPHOMORE YEAR (FALL):

ENG225 Ancient Literature* (3c.h.) _____
 HIS225 Ancient History* (3c.h.) _____
 HUM225 Biblical Themes I* (3c.h.) _____
 CHE215 Organic Chemistry I* (3c.h.) _____
 CHE217 Organic Chem I Lab* (1c.h.) _____
 PHy241 General Physics I* (3 c.h.) _____
 PHY243 General Physics I lab* (1 c.h.) _____

Total Hours (15 c.h.)

JUNIOR YEAR (FALL):

CHE415 Biochemistry I* (4 c.h.) _____
 CHE417 Biochemistry I Lab* (1 c.h.) _____
 Science Requirement (choose one)
 BIO 125 or
 PHY 125 _____ (4 c.h.) _____
 General Elective _____ (3 c.h.) _____
 General Elective _____ (3 c.h.) _____
 General Elective _____ (3 c.h.) _____

Total Hours (17 c.h.)

SENIOR YEAR (FALL):

CHE421 Physical Chemistry I* (3 c.h.) _____
 CHE423 Physical Chemistry I Lab* (1 c.h.) _____
 Chemistry Elective* (1 c.h.) _____
 CHE441 Chemistry Seminar* (1 c.h.) _____
 General Elective _____ (3 c.h.) _____
 General Elective _____ (3 c.h.) _____
 General Elective _____ (1-3 c.h.) _____

Total Hours (13-15 c.h.)

FRESHMAN YEAR (SPRING):

BIB221 NT Survey (3 c.h.) _____
 ENG102 Freshman English II* (3 c.h.) _____
 CHE112 General Chemistry II* (3 c.h.) _____
 CHE114 General Chemistry II Lab* (1 c.h.) _____
 MAT208 Calculus II* (3 c.h.) _____
 General Elective _____ (3 c.h.) _____

Total Hours (16 c.h.)

SOPHOMORE YEAR (SPRING):

ENG226 Enlightenment to 21st* (3 c.h.) _____
 HIS226 Enlightenment to 21st* (3 c.h.) _____
 HUM226 Biblical Themes II* (1 c.h.) _____
 CHE216 Organic Chemistry II* (3 c.h.) _____
 CHE218 Organic Chem II Lab* (1 c.h.) _____
 PHY242 General Physics II* (3 c.h.) _____
 PHY244 General Physics II Lab* (1 c.h.) _____

Total Hours (15 c.h.)

JUNIOR YEAR (SPRING):

CHE316 Quantitative Chemical* (3 c.h.) _____
 CHE317 Quantitative Chem Lab* (1 c.h.) _____
 CHE352 Chemical Research* (2 c.h.) _____
 CHE416 Biochemistry II* (3 c.h.) _____
 CHE418 Biochemistry II Lab* (1 c.h.) _____
 General Elective _____ (3 c.h.) _____
 General Elective _____ (3 c.h.) _____

Total Hours (16 c.h.)

SENIOR YEAR (SPRING):

CHE422 Physical Chemistry II* (4 c.h.) _____
 CHE424 Physical Chem II Lab* (1 c.h.) _____
 Chemistry Elective* (1 c.h.) _____
 CHE442 Chemistry Seminar* (1 c.h.) _____
 WVC401 Kingdom Life* (3 c.h.) _____
 General Elective _____ (3 c.h.) _____
 General Elective _____ (3 c.h.) _____

Total Hours (15 c.h.)

*Course Has Pre-requisites: Please see Catalogue for more Details

Chapel is required for all students for each semester they attend Belhaven