

BELHAVEN UNIVERSITY

2018-2019

CHECKLIST FOR GRADUATION REQUIREMENTS IN CHEMISTRY – BACHELOR OF SCIENCE (CHEMICAL PHYSICS CONCENTRATION)

Minimum of 124 credit hours required for graduation

Number of Hours in General Education:	34 hours
Number of Hours in Major:	53 hours
Number of General Electives:	37-39 hours
Total Number of Hours:	124-126 hours

Name: _____

ID #: _____

FRESHMAN YEAR (FALL):

BIB220/221 OT/NT 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 (16 c.h.)

FRESHMAN YEAR (SPRING):

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.) _____
General Elective _____ (3 c.h.) _____

Total Hours (16 c.h.)

SOPHOMORE YEAR (FALL):

American/British Lit Elective* (choose one)
- ENG 201, 202 or _____
- ENG 205, 206 _____ (3 c.h.) _____
HIS205 Contemp. World Hist _____ (3 c.h.) _____
CHE215 Organic Chemistry* _____ (3 c.h.) _____
PHY241 General Physics I* _____ (3 c.h.) _____
PHY243 General Physics I Lab* _____ (1 c.h.) _____
General Elective _____ (3 c.h.) _____

Total Hours (17 c.h.)

SOPHOMORE YEAR (SPRING):

ENG 203/204 World Lit. * _____ (3 c.h.) _____
HIS107/108 Civilization _____ (3 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 (14 c.h.)

JUNIOR YEAR (FALL):

Science Requirement (choose one)
BIO 125 or _____
PHY 125 _____ (4 c.h.) _____
WVC301 Christian Interpretation* _____ (3 c.h.) _____
CHE415 Biochemistry I* _____ (3 c.h.) _____
General Elective _____ (3 c.h.) _____
General Elective _____ (3 c.h.) _____

Total Hours (17 c.h.)

JUNIOR YEAR (SPRING):

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

Total Hours (16 c.h.)

SENIOR YEAR (FALL):

CHE421 Physical Chemistry I* _____ (4 c.h.) _____
CHE423 Physical Chemistry I Lab _____ (1c.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.)

SENIOR YEAR (SPRING):

CHE422 Physical Chemistry II* _____ (4 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