

BELHAVEN UNIVERSITY

2018-2019

CHECKLIST FOR GRADUATION REQUIREMENTS IN MATHEMATICS/CHEMICAL ENGINEERING - BACHELOR OF SCIENCE - FRESHMAN Minimum of 124 credit hours required for graduation

Number of Hours in Gen. Ed.:	34 hours (MAT 207 fulfills the Gen. Ed. Math requirement, but the credit hours count in the Major)
Number of Hours in Major:	67 hours
Number of General Electives: (fulfilled at OM)	23 hours
Total Number of Hours:	124 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.) _____
MAT207 Calculus I* (3 c.h.) _____
CHE111 General Chemistry I (3 c.h.) _____
CHE113 General Chemistry Lab (1 c.h.) _____
PHY119 Intro to Engineering (3 c.h.) _____
Total Hours (17 c.h.)

FRESHMAN YEAR (SPRING):

ENG102 Freshman English II* (3 c.h.) _____
MAT208 Calculus II* (3 c.h.) _____
MAT303 Discrete Mathematics* (3 c.h.) _____
BIB221 NT Survey (3 c.h.) _____
CHE112 General Chemistry II (3 c.h.) _____
CHE114 General Chemistry Lab (1 c.h.) _____
Total Hours (16 c.h.)

SOPHOMORE YEAR (FALL):

PHY251 Engineering Physics I (3 c.h.) _____
PHY253 EP Lab I (1 c.h.) _____
MAT209 Calculus III* (3 c.h.) _____
MAT311 Linear Algebra* (3 c.h.) _____
MAT315 Proof Exposition (1 c.h.) _____
MAT Elective (3 c.h.) _____
CHE215 Organic Chemistry I (3 c.h.) _____
CHE217 Organic Chemistry Lab I (1 c.h.) _____
Total Hours (18 c.h.)

SOPHOMORE YEAR (SPRING):

MAT210 Calculus IV* (3 c.h.) _____
MAT304 Differential Equations* (3 c.h.) _____
PHY252 Engineering Physics II (3 c.h.) _____
PHY254 EP Lab II (1 c.h.) _____
PHY125 Science & Culture I (4 c.h.) _____
CHE216 Organic Chemistry II (3 c.h.) _____
CHE218 Organic Chemistry Lab II (1 c.h.) _____
Total Hours (18 c.h.)

JUNIOR YEAR (FALL):

ENG225 Ancient Literature* (3 c.h.) _____
HIS225 Ancient History* (3 c.h.) _____
HUM225 Biblical Themes I* (1 c.h.) _____
MAT490 Mathematical Investigation (3 c.h.) _____
WVC401 Kingdom Life (3 c.h.) _____
MAT Elective (3 c.h.) _____
Total Hours (16 c.h.)

JUNIOR YEAR (SPRING):

MAT410 Advanced Calculus (3 c.h.) _____
PHY321 Engineering Thermodyn (3 c.h.) _____
ENG226 Enlightenment to 21st* (3 c.h.) _____
HIS226 Enlightenment to 21st* (3 c.h.) _____
HUM226 Biblical Themes II* (1 c.h.) _____
CSC251 Programming in MATLAB (3 c.h.) _____
Total Hours (16 c.h.)

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

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