

# BELHAVEN UNIVERSITY

2018-2019

## CHECKLIST FOR GRADUATION REQUIREMENTS IN MATHEMATICS/GENERAL 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:	65 hours
Number of General Electives: (fulfilled at OM)	32 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.) \_\_\_\_\_  
PHY207 Engineering Graphics (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.) \_\_\_\_\_  
CSC251 Programming in Matlab (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.) \_\_\_\_\_  
BIB221 NT Survey (3 c.h.) \_\_\_\_\_  
MAT315 Proof Exposition (1 c.h.) \_\_\_\_\_  
Social Science Elective (3 c.h.) \_\_\_\_\_  
**Total Hours (17 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.) \_\_\_\_\_  
PHY309 Engineering Statics (3 c.h.) \_\_\_\_\_  
PHY125 Science & Culture I (4 c.h.) \_\_\_\_\_  
**Total Hours (17 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.) \_\_\_\_\_  
MAT Elective (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