

BELHAVEN UNIVERSITY

CHECKLIST FOR GRADUATION REQUIREMENTS IN MATHEMATICS/ MECHANICAL ENGINEERING

BACHELOR OF SCIENCE – FRESHMAN

Minimum of 124 credit hours required for graduation

General Education	37 hours
Major	61 hours
General Electives	26 hours (taken at UM or MSU)
Total:	124 hours

Name: _____

ID#: _____

Freshman Year (Fall):

BU 101 Belhaven Basics	1	_____
BIB 220 Exploring the OT	3	_____
ENG 101 Freshman English I	3	_____
MAT207 Calculus I*	3	_____
CHE111 General Chemistry I	3	_____
CHE113 General Chemistry Lab I	1	_____
MAT 185 Overview of Math	1	_____
Total	15	

Freshman Year (Spring):

ENG 102 Freshman English II*	3	_____
MAT208 Calculus II*	3	_____
MAT303 Discrete Mathematics*	3	_____
CHE112 General Chemistry II	3	_____
CHE114 General Chemistry Lab II	1	_____
PHY 119 Intro to Engineering	3	_____
Total	16	

Sophomore Year (Fall):

PHY251 Engineering Physics I	3	_____
PHY253 EP Lab I	1	_____
MAT209 Calculus III*	3	_____
MAT311 Linear Algebra*	3	_____
MAT315 Proof Exposition	1	_____
BIB221 Exploring the NT	3	_____
CSC 111/112 Fund of Programming	4	_____
Total	18	

Sophomore Year (Spring):

MAT304 Differential Equations*	3	_____
PHY252 Engineering Physics II	3	_____
PHY254 EP Lab II	1	_____
MAT210 Calculus IV*	3	_____
PHY309 Engineering Statics	3	_____
PHY125 Science and Culture I	4	_____
Total	17	

Junior Year (Fall):

ENG225 Ancient Literature*	3	_____
HIS225 Ancient History*	3	_____
HUM225 Biblical Themes I*	1	_____
MAT491 Topics of Math Research I	1	_____
MAT305 Statistics and Prob	3	_____
WVC401 Kingdom Life	3	_____
Total	14	

Junior Year (Spring):

ENG226 Enlightenment to 21st*	3	_____
HIS226 Enlightenment to 21st*	3	_____
HUM226 Biblical Themes II*	1	_____
MAT410 Advanced Calculus	3	_____
PHY321 Engr Thermodynamics	3	_____
MAT Elective	3	_____
MAT492 Topics of Math Research II	2	_____
Total	18	

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

CHAPEL IS REQUIRED FOR ALL STUDENTS FOR EACH SEMESTER THEY ATTEND BELHAVEN

as of 3/25/2020