

BELHAVEN UNIVERSITY

CHECKLIST FOR GRADUATION REQUIREMENTS IN **MATHEMATICS: MECHANICAL ENGINEERING**

BACHELOR OF SCIENCE - **FRESHMAN (ODD YEAR)**

Minimum of 124 credit hours required for graduation

NAME _____

ID# _____

General Education	34 hours
Major	64 hours
UM/MSU Engineering	26 hours
Total	124 hours

FRESHMAN YEAR (FALL):

BU 101 Belhaven Basics	(1) _____
BIB 220 Exploring the Old Testament	(3) _____
ENG 101 Freshman English I	(3) _____
MAT 207 Calculus I*	(3) _____
CHE 111 General Chemistry I*	(3) _____
CHE 113 General Chemistry I Lab*	(1) _____
MAT 185 Overview of Mathematics	(1) _____

Total: 15

FRESHMAN YEAR (SPRING):

ENG 102 Freshman English II*	(3) _____
MAT 208 Calculus II*	(3) _____
MAT 303 Discrete Mathematics*	(3) _____
CHE 112 General Chemistry II*	(3) _____
CHE 114 General Chemistry II Lab*	(1) _____
PHY 119 Introduction to Engineering	(3) _____

Total: 16

SOPHOMORE YEAR (FALL):

BIB 221 Exploring the New Testament	(3) _____
CSC 111 Programming Fundamentals*	(3) _____
CSC 112 Programming Fundamentals Lab*	(1) _____
MAT 209 Calculus III*	(3) _____
MAT 315 Proof Exposition*	(1) _____
PHY 251 Engineering Physics I*	(3) _____
PHY 253 Engineering Physics I Lab*	(1) _____

Total: 15

SOPHOMORE YEAR (SPRING):

MAT 210 Calculus IV*	(3) _____
MAT 410 Advanced Calculus*	(3) _____
Math Elective (300/400 Level)*	(3) _____
PHY 252 Engineering Physics II*	(3) _____
PHY 254 Engineering Physics II Lab*	(1) _____
SCI 125 or 126 Gen Ed Science	(4) _____

Total: 17

JUNIOR YEAR (FALL):

ENG 225 Ancient Literature*	(3) _____
HIS 225 Ancient History*	(3) _____
HUM 225 Biblical Themes I*	(1) _____
MAT 305 Introduction to Math Statistics*	(3) _____
MAT 311 Linear Algebra*	(3) _____
MAT 491 Topics of Math Research I*	(1) _____
WVC 401 Kingdom Life*	(3) _____

Total: 17

JUNIOR YEAR (SPRING):

ENG 226 Enlightenment to 21 st Century*	(3) _____
HIS 226 Enlightenment to 21 st Century*	(3) _____
HUM 226 Biblical Themes II*	(1) _____
MAT 304 Differential Equations*	(3) _____
MAT 492 Topics of Math Research II*	(2) _____
PHY 309 Engineering Statistics*	(3) _____
PHY 321 Engineering Thermodynamics	(3) _____

Total: 18

REMAINING COURSES TO BE COMPLETED AT UNIVERSITY OF MISSISSIPPI OR MISSISSIPPI STATE UNIVERSITY

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

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

For assistance reading this document contact the Registrar's Office.

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