



CHECKLIST FOR GRADUATION REQUIREMENTS

BACHELOR OF SCIENCE IN MATHEMATICS: ENGINEERING (ODD YEAR)

Minimum of 124 credit hours required for graduation

General Education	34 hours
Major	65 hours
UM/MSU Engineering	25 hours
Total	124 hours

Name _____

ID# _____

FRESHMAN YEAR (FALL):

BU 101 or 102 BU Basics/Transfer Success (1) _____
BIB 220 Exploring the Old Testament (3) _____
ENG 101 Freshman English I (3) _____
MAT 207 Calculus/Analytic Geometry I (3) _____
CHE 111 General Chemistry I (3) _____
CHE 113 General Chemistry Lab I (1) _____
MAT 185 Overview of Mathematics (1) _____

Total: 15

FRESHMAN YEAR (SPRING):

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

Total: 16

SOPHOMORE YEAR (FALL):

MAT 209 Calculus/Analytic Geometry III (3) _____
MAT 305 Intro to Math Stats (3) _____
MAT 315 Proof Exposition (3) _____
CSC 111 Programming Fundamentals (3) _____
CSC 112 Programming Fundamentals Lab (1) _____
PHY 251 Engineering Physics I (3) _____
PHY 253 Engineering Physics I Lab (1) _____

Total: 17

SOPHOMORE YEAR (SPRING):

BIB 221 Exploring the New Testament (3) _____
MAT 210 Calculus/Analytic Geometry IV (3) _____
MAT ELE008 Math 400-Level Elective (3) _____
PHY 252 Engineering Physics II (3) _____
PHY 254 Engineering Physics II Lab (1) _____
PHY 321 Engineering Thermodynamics (3) _____
SCI ELE001 Science Elective (1) _____

Total: 17

JUNIOR YEAR (FALL):

ENG 225 Ancient Literature to Enlightenment (3) _____
HIS 225 Ancient History to Enlightenment (3) _____
HUM 225 Biblical Themes I (1) _____
MAT 311 Linear Algebra (3) _____
MAT ELE005 Math 300-Level Elective (3) _____
PHY 125 Science & Culture I (4) _____
SCI ELE002 Science Elective (1) _____

Total: 18

JUNIOR YEAR (SPRING):

ENG 226 Lit from Enlightenment to 21st Cent (3) _____
HIS 226 Hist from Enlightenment to 21st Cent (3) _____
HUM 226 Biblical Themes II (1) _____
MAT 304 Differential Equations (3) _____
PHY 309 Engineering Statics (3) _____
WVC 401 Kingdom Life (3) _____

Total: 16

REMAINING COURSES TO BE COMPLETED AT MISSISSIPPI STATE UNIVERSITY