

Name _____
 Student ID _____
 Date _____

2024-25 Mechanical Engineering Checklist

TRANSFORMATIONAL JOURNEY PROGRAM (TJP)
First Year Experience (3 credits)
 ___ FYS 110 First Year Seminar

Faith and Ethics (9 credits)
 ___ THL 105 Introduction to Theology
 ___ PHL 130 Human Nature & Person
 ___ Second THL*

Scientific Problem Solving
 Fulfilled by major requirements

Quantitative Problem Solving
 Fulfilled by major requirements

Civics Problem Solving
 Fulfilled by major requirements (EGR 317)

Communication (6 credits)
 ___ ENG 112 Writing and Community
 ___ COM 101 Public Speaking

Cultural and Global Awareness (6 credits)
 ___ World Language (determined by placement)
 One of the following courses:
 ___ GLS 101 Global Perspectives
 ___ HUM 210 Meaning Through Culture

Health and Well-Being (6 credits)
 ___ HWB 110 Holistic Health: Mind, Body, and Spirit
 One of the following courses:
 ___ PSY 101 General Psychology
 ___ PSY 220 Human Growth and Development
 ___ SOC 101 Introduction to Sociology

Broad Integrative Knowledge Outside Major**
 a. Completion of a minor
 b. Completion of a second major
 c. Completion of a Pathway
 *Please refer to catalog or MUHUB Progress tab for a

___ E	3
___ CHE 140 General Chemistry I	3
___ EGR 221 Engineering Mechanics: Statics	3
___ EGR 242 Linear Circuit Analysis	3
___ EGR 301 Global Engineering	3
___ EGR 317 Engineering Economics	3
___ EGR 491 Engineering Senior Design	3

Mechanical Engineering Requirements (47 hours)

___ EGR 222 Engineering Mechanics: Dynamics 3

2024-25 B.S. Mechanical Engineering Major Sample Four-Year Plan

Year One					
Fall Semester			Spring Semester		
Requirement Category	Course	Credit Hrs	Requirement Category	Course	Credit Hrs