

**CANDIDATES FOR MASTER OF SCIENCE IN MECHANICAL ENGINEERING
(MSME)
(WITH THESIS)**

DEGREE PLAN

Name: _____ Student number: _____

Cumulative GPA: _____ Mechanical Engineering GPA: _____

Course number Course name semester grade

A. 3 Hours of Mathematics (MECE 6384)

MECE 6384 Methods of Applied Mathematics _____

B. 9 Hours of Core Mechanical Engineering Coursework

** You are allowed to take any 3 MECE courses from below.*

Controls	MECE 6397 Control Systems Analysis and Design; MECE 6374 Nonlinear Control Systems
Materials	MECE 6361 Mechanical Behavior of Materials; MECE 6363 Physical Metallurgy; MECE 6364 Phase Transform in Materials
Mechanics	MECE 6377 Continuum Mechanics I; MECE 7397 Advanced Mechanics of Solids
Thermo-Fluids	MECE 6334 Convection Heat Transfer; MECE 6345 Fluid Dynamics I

MECE _____

MECE _____

MECE _____

C. 9 hours of Elective Coursework

**You can choose MECE 6000-level or above, exclusive of graduate seminar (MECE 6111) and Graduate Project (MECE 6368).*

**You can also choose 6000-level or above from preapproved courses in the College of Engineering, College of Natural Science and Mathematics, Bauer College of Business, and Law Center, with no more than three hours from one academic unit (department or program).*

D. 9 hours of thesis

MECE 6399 Master's Thesis _____

MECE 7399 Master's Thesis _____

MECE 7399 Master's Thesis _____

Date of Defense

E. _____ Date: _____

Signature of Program Director

F. _____ Date: _____

Signature of Thesis Advisor