

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

(NON-THESIS)

DEGREE PLAN

Name: _____

Student number: _____

Cumulative GPA: _____

Mechanical Engineering GPA: _____

Course Number	Course Name	Semester	Grade
A. 3 Hours of Mathematics			
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 6374 Nonlinear Control Systems; MECE 6397 Control Systems Analysis and Design; MECE 6666 Machine Learning; MECE 7361 System Identification
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 Mechanical Engineering Coursework

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

MECE	_____	_____	_____
MECE	_____	_____	_____
MECE	_____	_____	_____

D. 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).*

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

E. _____
Signature of Department Advisor

Date