

DEGREE PLAN

**CANDIDATES FOR MASTER OF SCIENCE IN MECHANICAL ENGINEERING (MSME)
(WITHOUT THESIS)**

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 1	_____	_____

B. 9 Hours of Core Mechanical Engineering Coursework

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

Controls	MECE 6367 Control Systems Analysis and Design; MECE 6388 Optimal Control Theory MECE 6366 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 6397 Applied Solid Mechanics
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 8111) 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 8111) 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.*

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

E. _____

Signature of Department Advisor

_____ Date