



Sultan Qaboos University

Academic Degree and Degree Plan of Postgraduate Studies Program

College	Engineering		
Department	Mechanical and Industrial Engineering	Degree	Master of Science
Program- Major	Mechanical Engineering	Cohort	From: 2022 to: 2023
Specialization	Mechanical Engineering	Mode of Study	<input type="checkbox"/> Full time <input type="checkbox"/> Part time <input checked="" type="checkbox"/> Both


Credit Required for Graduation		
Core Courses	Thesis	Elective Courses
9	6	15

Program Option		
<input checked="" type="checkbox"/> Courses and thesis	<input type="checkbox"/> Thesis Only	<input type="checkbox"/> Courses Only
<input type="checkbox"/> Courses & Examination		

Core Courses		
Course Code	Course Title	Credits
ENGR6913 Or ENGR6910	Advanced Eng. Mathematics Or Advanced Engineering Statistics (subject to advisor's approval)	3
MEIE6004	Advanced Numerical Methods	3
MEIE6111	Advanced Engineering Measurement Systems	3
Total		9

Elective Courses		
Course Code	Course Title	Credits
Special Courses		
MEIE6001	Proj. Eng'g. & Mngt.	3
MEIE6099	Special Topics in ME	3
MEIE6212	Directed Studies	3

MEIE6112	Design and Analysis of Experiments	3
Thermofluids		
MEIE6011	Advanced Heat & Mass Transfer	3
MEIE6020	Computational Fluid Dynamics	3
MEIE6014	Desalination & Water Treatment Technology	3
MEIE6016	Advanced Thermodynamics	3
MEIE6017	Advanced Fluid Mechanics	3
MEIE6142	Advanced Solar Thermal Processes	3
Applied Mechanics		
MEIE6101	Advanced Solid Mechanics	3
Dynamics and Control		
MEIE6102	Rotor Dynamics	3
MEIE6104	Advanced Process Control Systems	3
MEIE6108	Advanced Vibrations	3
Materials and Manufacturing		
MEIE6105	Advanced Engineering Materials	3
MEIE6118	Mechanical Behaviours of Engineering Materials	3
MEIE6116	Engineering Fracture Mechanics	3
Total		
Thesis		
Course Code	Course Title	Credits
MEIE7002	Master Thesis	6
Total		

Approval and Signatures		
Program Coordinator:	Head Of Department:	Assistant Dean for Postgraduate Studies and Research:
Dr. Afzal Husain 	Dr. Nasr Al-Hinai	Dr. Nasser Al-Azri

Note: - Any course not included in the degree plan must be taken after getting an approval from the program coordinator.