



Sultan Qaboos University
Academic degree and Degree Plan of Postgraduate Studies Programs

College	Engineering		
Department	Mechanical and Industrial Engineering		
Degree Name	Master of Science	Degree	M.Sc.
Program / Major	Mechanical Engineering	Cohort	2017
Specialization	Mechanical Engineering	Study Mode	Full-time & Part time

Credit Required	24	
Core Courses	Elective Courses	Thesis
9	15	0

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

Core Courses		
Course Code	Course Title	Credits
ENGR6913 Or ENGR6910	Advanced Eng. Mathematics Or Advance Engineering Statistics (subject to advisor's approval)	3
MEIE6004	Advanced Numerical Methods	3
MEIE6111	Advanced Engineering Measurement Systems	3
MEIE7001	Master Thesis	0
Total		9

Elective Courses		
Course Code	Course Title	Credits
ENGR6911	Advanced Engineering Management	3
MEIE6211	Special Topics	3
MEIE6212	Directed Studies	3
MEIE6011	Advanced Heat & Mass Transfer	3
MEIE6012	Process Engineering Design	3
MEIE6020	Computational Fluid Dynamics	3
MEIE6014	Desalination & Water Treatment Technology	3

MEIE6016	Advanced Thermodynamics	3
MEIE6017	Advanced Fluid Mechanics	3
MEIE6101	Advanced Solid Mechanics	3
MEIE6102	Rotor Dynamics	3
MEIE6104	Advanced Process Control Systems	3
MEIE6105	Advanced Engineering Materials	3
MEIE6106	Computer Aided Design	3
MEIE6108	Advanced Vibrations	3
MEIE6166	Nanomaterials	3
Total		

- Notes

- *New courses can be added.*
- *With the approval of the academic advisor, students may take one 5000 level course as a program elective.*

Signature:

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