



## Sultan Qaboos University

### Academic Degree and Degree Plan of Postgraduate Studies Program

<b>College</b>	Engineering		
<b>Department</b>	Mechanical and Industrial Engineering	<b>Degree</b>	Master of Science
<b>Program- Major</b>	Industrial Engineering	<b>Cohort</b>	From: 2023 to:2024
<b>Specialization</b>	Industrial Engineering	<b>Mode of Study</b>	<input type="checkbox"/> Full time <input type="checkbox"/> Part time <input checked="" type="checkbox"/> Both

<b>Credit Required for Graduation</b>	30	
<b>Core Courses</b>	<b>Thesis</b>	<b>Elective Courses</b>
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
ENGR6910 Or ENGR6913	Advanced Engineering Statistics Or Advance Eng. Mathematics (subject to advisor's approval)	3
ENGR6911	Engineering Management	3
MEIE6912	Engineering Economic Decision Analysis	3
<b>Total</b>		9

Elective Courses		
MEIE6001	Project Engineering and Management	3
MEIE6002	Quality, Reliability and Maintainability Engineering	3

MEIE6201	Productivity Analysis and Management	3
MEIE6202	Occupational Ergonomics	3
MEIE6206	Applied Optimization	3
MEIE6208	Reliability Engineering	3
MEIE6210	Scheduling and Sequencing	3
MEIE6211	Special Topics in IE	3
MEIE6212	Directed Studies	3
MEIE6214	Heuristic Search	3
MEIE6216	Logistics and Supply Chain Engineering	3
MEIE6218	Simulation Modeling and Analysis	3
MEIE6220	Sustainable Industrial Systems	3
MEIE6222	Healthcare Management	3
MEIE6224	Inventory Planning and Management	3
MEIE6226	Lean Six Sigma	3
<b>Total</b>		
<b>Thesis</b>		
<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>
MEIE7002	Master Thesis	6
<b>Total</b>		

<b>Approval and Signatures</b>		
<b>Program Coordinator:</b>	<b>Head Of Department:</b>	<b>Assistant Dean for Postgraduate Studies and Research:</b>
Dr. Hakan Gultekin 	Dr. Nasr Al-Hinai 	Dr. Nasser Al-Azri 

#### - Notes

- New courses can be added.
- Any course not included in the degree plan must be taken after getting an approval from the program coordinator.
- With the approval of the program coordinator, students may take one 5000 level course as a program elective.

**Signature:**  
**Stamp:**

