

List of Courses
Master of Science (Industrial Engineering)
School of Mechanical Engineering
Faculty of Engineering, Universiti Teknologi Malaysia

Type	Code	Courses
University General Course (<i>Select one only</i>)	UHMS 6013 UHS 6013 UECS 6023 UBSE 1123 UBSS 6023 UECS 6013 UHLM 6013 UHMZ 6023 UHPS 6013 URTS 6013	Seminar on global development, economic and social issues Philosophy of science and civilization Introduction to Technopreneurship Organization behaviour and development Business ethics, responsibility and sustainability IT Project Management Bahasa Melayu Penulisan Ilmiah Malaysian society and culture Dynamics of leadership Environmental ethics
Programme Core	MEMI 1903 MEMI 1843 MEMI 1853 MEMI 1863	Research Methodology Operations Planning and Control Operations Research and Application Industrial Data Analytics
Master Project	MEMI 1914 MEMI 2926	Master Project I Master Project II

Elective Track		To Select one track only
Engineering Management	MEMI 2813 MEMI 2823 MEMI 2833 MEMI 2843 MEMI 2853 MEMI 2863	<i>Select 4 courses from this track</i> Project Management Engineering Economy and Finance Safety Management Quality Management Engineering and Technology Management Lean Manufacturing
System Engineering	MEMI1813 MEMI1823 MEMI1833 MEMI 2823 MEMI 2873 MEMI 2883	<i>Select 4 courses from this track</i> Statistical Quality Engineering Supply Chain and Logistics Work Systems and Ergonomics Engineering Economy and Finance Modelling and Simulation Facilities Planning and Design

<p>Manufacturing Engineering</p>	<p>MEMI1813 MEMP1723 MEMP1743 MEMP2723 MEMP2733 MEMM1023</p>	<p><i>Select 4 courses from this track</i> Statistical Quality Engineering Green Manufacturing Technology CAD/CAM/AM Smart Manufacturing IT for Manufacturing Product Innovation & Development</p>
<p>Quality Engineering</p>	<p>MEMI1813 MEMI2803 MEMI2843 MEMI2863 MEMI2893 MEM 2723</p>	<p><i>Select 4 courses from this track</i> Statistical Quality Engineering Engineering and Environmental Safety Quality Management Lean Manufacturing Risk Management Smart Manufacturing</p>