

1MSME1 2026-27 Semester 1	MSc Mechanical Engineering									
Time	Monday		Tuesday		Wednesday		Thursday		Friday	
09:00 - 10:00	Engineering Acoustics ME5111 ENG-3035 Dr Eoin King		Computational Fluid Dynamics PC Lab ME4112 ENG-2016, 2017 Dr Mingming Tong		Ergonomics IE5100 ENG-2033 Mr Enda Fallon			Biomechanics BME400 CSB-G005 Prof Patrick McGarry	Materials II ME4109 AMB250 O'Heocha Theatre Dr Richard Barrett	
10:00 - 11:00	Mechanical Engineering MSc Thesis ME5107 ENG-2036 Dr Kevin Moerman		Computational Fluid Dynamics PC Lab ME4112 ENG-2016, 2017 Dr Mingming Tong	Engineering Acoustics: Noise & Sustainable Development ME5111 Sound Lab ENG-3014 Dr Eoin King		Power Systems EE6102 Tyndall Theatre Dr Maeve Duffy	Power Systems EE6102 ENG-G017 Dr Maeve Duffy	Biomechanics BME400 ENG-G047 Prof Patrick McGarry	Computational Fluid Dynamics ME4112 CSB 1006 Dr Mingming Tong	
11:00 - 12:00					Advanced Energy Systems Engineering EG5101 ENG-2003 Prof Rory Monaghan		Advanced Computational Biomechanics BME5100 ENG-G047 Prof Patrick McGarry		Lean Systems IE450 ENG-2001 Ms Caitlin Jansen	
12:00 - 13:00					Research Methods ME521 ENG-G017 Dr Pedram Masjedi				Biomechanics BME400 ENG-G017 Prof Patrick McGarry	Machine Learning and AI for Eng Application EE4104 CSB G005 Mr Liam Kilmartin
13:00 - 14:00	Research Methods for Engineers ME521 ENG-G017 Dr Pedram Masjedi		Engineering Acoustics ME5111 ENG-3035 Dr Eoin King				Advanced Computational Biomechanics PC Lab BME5100 PC Lab ENG-2016, 2017 Prof Patrick McGarry		Materials II ME4109 Martin Ryan Annex 201 Dr Richard Barrett	Advanced Energy Systems Engineering EG5101 ENG 2003 Prof Rory Monaghan
14:00 - 15:00	Composite Materials ME5115 McMunn Theatre Dr Pouyan Ghabezi		Fundamentals of Python Programming PC Lab CT5200 CSB-G009 Dr Patrick Mannion	Machine Learning and AI for Eng Application EE4104 ENG-G047 Mr Liam Kilmartin	Fundamentals of Python Programming CT5200 AC201 Dr Patrick Mannion		Composite Materials ME5115 CSB G005 Dr Pouyan Ghabezi			
15:00 - 16:00	Finite Element Methods in Engineering II BME5110 AC002 Anderson Theatre Dr Xuliang Qian	Lean Systems IE450 ENG-G017 Ms Caitlin Jansen					Technology, Innovation & Entrepreneurship ME432 ENG-2002 Prof Kathryn Cormican	Finite Element Methods in Engineering II BME5110 AUC-G002 Dr Xuliang Qian		
16:00 - 17:00			Sustainable Energy CE5100 ENG-G017 Dr Stephen Nash	Project Management IE446 ENG-G047 Prof Kathryn Cormican	Power Systems EE6102 ENG-G017 Dr Maeve Duffy	Computational Fluid Dynamics ME4112 LCI-G018 Dr Mingming Tong				
17:00 - 18:00			Sustainable Energy CE5100 ENG-G017 Dr Stephen Nash			Composite Materials Lab ME5115 ENG G034 Dr Pouyan Ghabezi		Finite Element Methods in Engineering II PC Lab BME5110 ENG-2017 Dr Xuliang Qian		
18:00 - 19:00										

LAB
Core Modules