

1ESE1	2026-27				Energy Systems Engineering						Semester 1						
Time	Monday				Tuesday			Wednesday		Thursday		Friday					
09:00 - 10:00	Sustainability Measurement: Introduction to Life Cycle Management and Assessment MG5155 CA115 Dr. Sinead Mitchell				MSc Energy Systems Engineering Capstone Project ME5118 Self-Directed Learning			Systems Modelling and Simulation CT561 LAB CSB-G001 Prof Jim Duggan				Internet of Things EE5127 ENG-3001 Lab Dr. Adnan Elahi					
10:00 - 11:00								Power Systems EE6102 Tyndall Theatre Prof Maeve Duffy								Power Systems EE6102 ENG-B017 Prof Maeve Duffy	
11:00 - 12:00	MSc Energy Systems Engineering Capstone Project ME5118 Self Directed Learning				Advanced Wind Energy System and Design ME5113 CA117 MBA Room Dr. Pedram Masjedi			Advanced Energy Systems Engineering EG5101 ENG-2003 Prof. Rory Monaghan				Advanced Wind Energy Systems and Design ME5113 CA101 Dr. Pedram Masjedi					
12:00 - 13:00	Machine Learning and Artificial Intelligence EE4104 ENG-G047 Liam Kilmartin							Research Methods for Engineers ME521 ENG-G017 Dr. Pedram Masjedi				Machine Learning and Artificial Intelligence Applications EE4104 CSB-G005 Liam Kilmartin				Advanced Energy Systems Engineering EG5101 ENG 2034 Prof Rory Monaghan	
13:00 - 14:00	Research Methods for Engineers ME521 ENG-G017 Dr. Pedram Masjedi							Global Change EOS6101 AC213 Prof Peter Croot						Global Change EOS6101 CSB-1005 Prof Peter Croot		Advanced Energy Systems Engineering EG5101 ENG 2033 Prof Rory Monaghan	
14:00 - 15:00	Fundamentals of Python Programming PC Lab CT5200 CSB-G009 Dr. Patrick Mannion		Composite Materials ME5115 McMUNN Theatre Dr. Pougan Ghabezi	Internet of things EE5127 ENG2002 Dr. Adnan Elahi	Systems Modelling and Simulation CT561 CSB-G005 Prof Jim Duggan	Machine Learning and Artificial Intelligence EE4104 ENG-G047		Weeks 7 -12	Fundamentals of Python Programming CT5200 AC201 Dr. Patrick Mannion	Composite Materials ME5115 CSB-G005 Dr. Pougan Ghabezi		Planning & Law I LW361 ENG-G047 Naporn Popattanachai		Weeks 7 - 12 only		Financial Management AY872 AUC G002 Sophie Sweeney	
15:00 - 16:00							Technology, Innovation & Entrepreneurship ME432 ENG-2002 Prof Kathryn Cormican										Fundamentals of Python Programming CT5200 ENG-G018 Dr. Patrick Mannion
16:00 - 17:00	Sustainable Energy CE5100 ENG-G017 Dr. Stephen Nash				Power Systems EE6102 ENG-G017 Prof Maeve Duffy		Technology, Innovation & Entrepreneurship ME432 ENG-2002 Prof Kathryn Cormican	Composite Materials ME5115 LAB GO34 Materials lab Dr. Pouyan Ghabezi		Internet of Things EE5127 Mc Munn Theatre SC004 Dr. Adnan Elahi		MSc Energy Systems Engineering Capstone Project ME5118 Self-Directed Learning					
17:00 - 18:00					Sustainable Energy CE5100 ENG-G017 Dr. Stephen Nash												
18:00 - 19:00								Financial Management I Tutorial AY872 ENG-G047 Sophie Sweeney (Lecturer to advise start date)									

Core - Capstone Project - All students must register for the Module

Core - Every student must register for all these modules

All students must choose at least 10 ECTS of modules from this list. Students must ensure no timetable clashes

(ETSMs) All students must choose at least 5 ECTS of modules from this list. Students must ensure no timetable clashes