

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			ME5113 Advanced Wind Energy System and Design - 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			
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		Fundamentals of Python Programming CT5200 AC201 Dr. Patrick Mannion	Composite Materials ME5115 CSB-G005 Dr. Pougan Ghabezi	Planning & Law I LW361 ENG-G047 Napom 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								
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 G034 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 - All students must take 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

Note :

CT561 was moved to semester 2 for AY24/25 due to lecturer Prof. Jim Duggan being on Sak
It will be reinstated to semester 1 in AY25/26 as per the below days/times - all to be confirm

Tuesday 2pm - 4pm - IT125-G - Lecture

Wednesday 9am - 10am - IT106 - PC LAB

