

MPhil in Engineering for Sustainable Development (2024-2025)

Michaelmas (Autumn) Term

Lent (Spring) Term

Induction Week (Mon-Wed, 7-9 Oct) (Mandatory)
Residential Field Trip (Mandatory)
 11-12 Oct (Fri-Sat)

Residential Field Trip (Mandatory)
 8-11 April (Tues-Fri) [TBC]

CORE MODULES (Mandatory)

ESD 150 Driving Change Towards Sustainability
 Dr Dai Morgan (*cwk*)

ESD 380 Resilience of Cities and Infrastructure Systems
 Dr Kristen MacAskill (*cwk*)

ESD 200 Sustainability Methods and Metrics
 Dr André Cabrera Serrenho (*cwk*)

ESD 560 Innovations in Sustainable Design and Manufacturing
 Dr Dai Morgan (*cwk*)

MANAGEMENT MODULES (Mandatory)

ESD SP Stakeholder Perspectives
 Dr Dai Morgan (*cwk*)
 [Includes block activity 10, 17, and 18 Dec]

ESD CP Client Project
 Dr Kristen MacAskill (*cwk*)
 [Kick-off 21-22 Jan; presentations March]

SUPPLEMENTARY PROGRAMME (Mandatory)

ESD Seminars
 Weekly group seminar discussions and activities

ESD Student-Led Seminars
 Student-led seminar and discussion programme

ESD Practitioner Viewpoint Series
 Fortnightly seminars with industrial guests

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 Fortnightly seminars with industrial guests

ELECTIVE MODULES (Choose 2 modules in each term)

Centre for Sustainable Development

ESD 650 International Development
 Prof. Richard Carter (*cwk*)

ESD 450 Policy, Legislation and Government
 Mr Philip Callaghan (*cwk*)
 [Block module 10, 13, 15, 17, 20 Jan]

ESD 950 Water Management for Development in a Changing Climate
 Dr Edoardo Borgomeo (*cwk*)

Department of Engineering

4D16 Construction Management² (*exam*)

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4E1 Innovation & Strategic Management of IP (*cwk*)

4E5 International Business (*cwk*)

4E3* Business Innovation in a Digital Age¹ (*cwk*)

4E11 Strategic Management (*cwk*)

4E4 Management of Technology¹ (*exam*)

4E6 Accounting and Finance¹ (*exam*)

4M19 Advanced Building Physics (*cwk*)

4M22 Climate Change Mitigation (*cwk*)

4M23 Electricity and the Environment (*cwk*)

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ET-B4 Energy Systems and Efficiency (*cwk*)

Judge Business School

TPE 20 Managing the Innovation Process² (*cwk*)

TPE 23 Negotiation Skills (*cwk*)

TPE 25 Strategic Valuation: Uncertainty and Real Options in System Design (*cwk*)
 [Block module 9-16 Dec]

TP 4 Business, Government and Technology in Emerging Markets (*class test*)

TPE 21 The Circular Economy – Entrepreneurial Environment and Policy Implications (*cwk*)
 [Block module 6-8 Jan]

12,000 to 15,000 word DISSERTATION: April to August 2025

Modules are assessed by coursework (*cwk*), exam, or both.

TBC: To be confirmed.