M. Phil in Engineering for Sustainable Development (2020-2021)

Michaelmas Term	Lent Term	
Induction Week (Mandatory) [5-7 October]	Residential Field Trip (Mandatory) [Spring/Summer 2021] (Subject to confirmation)	

CORF MODULES (Mandatory)

CONE MODOLES (Managery)				
ESD 150	Driving Change Towards Sustainability		ESD 380	Resilience of Infrastructure Systems
	Dr David Morgan et al. (cwk)			Dr Kristen MacAskill, Prof. Richard Fenner et al.
				(cwk)
ESD 200	Sustainability Methods and Metrics		ESD 560	Innovations in Sustainable Design and
	Dr André Cabrera Serrenho, Prof. Richard Fenner			Manufacturing
	et al. (cwk)			Dr David Morgan et al. (cwk)

MANAGEMENT MODULES (Mandatory)

ESD SE	Stakeholder Engagement		ESD CCP Client Consultancy Project		
	Dr David Morgan, Prof. Richard Fenner (cwk)		Dr Kristen MacAskill (cwk)		
	[Includes block activity 15-17 Dec (TBC)]		[Kickoff Jan, final presentations March]		

SUPPLEMENTARY PROGRAMME (Mandatory)

SOLI ELIVIENTANTI NOGNAMBIE (Mandatory)		
ESD Seminars	ESD Seminars	
Weekly group seminar discussions and activities	Student-led seminar and discussion programme	
Practitioner Viewpoint Series	Practitioner Viewpoint Series	
Fortnightly seminars with industrial guests	Fortnightly seminars with industrial guests	

ELECTIVE MODULES (Choose 2 modules in each term)

Centre for Sustainable Development

ESD 450 Policy, Legislation and Government Mr Philip Callaghan (cwk) [Block module 11-19 Jan (TBC)]	/4D15 Management of Resilient Water Systems Prof. Richard Fenner et al. (cwk)
ESD 650 International Development	ESD 1000 Energy, Development and Rural Livelihood
Prof. Richard Carter <i>(cwk)</i> [4 weeks Nov (TBC)]	Dr Stephanie Hirmer <i>(cwk)</i> [Block module 18-29 Mar (TBC)]

Department of Engineering

4B19	Renewable Electric Power (exam)	4D4	Construction Engineering (cwk)
4D14	Contaminated Land and Waste Containment (exam & cwk)	4E11	Strategic Management (cwk)
4E1	Innovation and Strategic Management of IP (exam & cwk)	4G4	Biomimetics (cwk)
4E3	Business Innovation in a Digital Age (cwk)	4M23	Electricity and the Environment (cwk)
4E4	Management of Technology (cwk)	ET-B2	Renewable Energy 1: Wind, Wave, Tidal and Hydro* (cwk)
ET-B3	Renewable Energy 2: Solar and Biofuels (cwk) Counts as a Lent Term module**	ET-B3	Renewable Energy 2: Solar and Biofuels* (cwk)
4E6	Accounting and Finance (cwk)	ET-B4	Energy Systems and Efficiency* (cwk)
4M22	Climate Change Mitigation (cwk)		

Judge Business School

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TPE 20	Managing the Innovation Process* (cwk)	TP4	Business, Government and Technology in
	managing the innovation roccos (emity		business, dovernment and recimology in
			Emerging Markets* (class test)
			cilieiging warkets (class test)
TDE 22	Magatistian Skills* (cw/s)		

Cambridge University

ESD-A2 Sustainable Architecture & Urban Design* (cwk)	

12,000 to 15,000 word DISSERTATION: April to August 2021

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

TBC: To be confirmed

- *Limited numbers of ESD students, or a cap of approx. 5 ESD students per module.
- **ET-B3 has lectures in both terms but is counted as a Lent Term module.

Please note that module offerings change from year to year, and are subject to availability, to the minimum numbers of students required to run, to any caps on the number of ESD students, and to scheduling conflicts.

Note also that field trips are dependent on the prevailing conditions and constraints at the time and therefore cannot be guaranteed to take place every year.