

### Examination in Advanced Chemical Engineering for the Degree of Master of Philosophy, 2020-2021: Modules

The Degree Committee for the Faculty of Engineering give notice that the mandatory and optional modules available for study for the M.Phil. in Advanced Chemical Engineering in the academical year 2020-2021 and the form of examination of each module will be as follows:

#### Mandatory modules

<i>Ref</i>	<i>Name</i>	<i>Mode of assessment</i>
DA	Data analysis	Coursework
NM	Numerical methods in chemical engineering	Coursework

#### Optional modules

<i>Ref</i>	<i>Name</i>	<i>Mode of assessment</i>
B1	Advanced transport processes	Examination
B2	Electrochemical engineering	Examination
B4	Rheology and processing	Examination
B5	Computational fluid dynamics	Coursework
B6	Fluid mechanics and the environment	Examination
B7	Interface engineering	Examination
C1	Optical microscopy	Examination
C3	Healthcare biotechnology	Coursework
C6	Biosensors and bioelectronics	Coursework
C7	Bionanotechnology	Examination and coursework
4D14	Contaminated land and waste containment	Examination and coursework
4D15	Management of resilient water systems	Coursework
4E1	Innovation and strategic management of intellectual property	Coursework
4E3	Business innovation in a digital age	Coursework
4E4	Management of technology	Coursework
4E11	Strategic management	Coursework
4G4	Biomimetics	Coursework
4G5	Materials and molecules: Modelling, simulation and machine learning	Coursework
4M16	Nuclear power engineering	Examination
4M22	Climate change mitigation	Coursework
4M23	Electricity and environment	Coursework

The Degree Committee for the Faculty of Engineering reserves the right to add to this list during the Michaelmas Term 2020.