Programme Regulations: 2024/25

Programme Title: Degree of Master of Science in Sustainable Chemical Engineering
Code: 5031F

Notes:
(i) These programme regulations should be read in conjunction with the University's Postgraduate (Taught) Progress Regulations and Examination Conventions.
(ii) A compulsory module is a module which a student is required to study.
(iii) All modules are delivered in Linear mode unless stated otherwise as Block, eLearning or distance learning.

1. Programme structure

(a) The programme is available for study in full-time mode.
(b) The period of study for full-time mode shall be one year starting in September.
(c) The programme comprises modules to a credit value of 180.
(d) Optional module choice is dependent on timetabling and subject to Degree Programme Director. Approval. Candidates are required to discuss their optional module selection with the DPD who will advise on specialist module routes for Sustainable Chemical Engineering, Environmental Management or Materials, through the programme.

(e) All candidates shall take the following compulsory modules:

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Credits Sem 3*	*Level*	*Mode*
CME8019	Energy Management	10	10			7	Block
CME8064	Research, Communication and Professional Skills	20		20		7	Block
CME8065	Recycling and Life Cycle Assessment for Sustainable Materials	10	10			7	Block
CME8097	Chemical Engineering Dissertation	60	5	5	50	7	
CME8132	Sustainable Industry	20	20			7	Block

(f) Students shall choose a total of 60 credits from the following optional module list:

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Credits Sem 3*	*Level*	*Mode*
CEG8107	Environmental Engineering in Low and Middle Income Countries	10		10		7	Block
CEG8112	Air Pollution	10	10			7	Block
CME8012	Business and Environmental Management	10	10			7	Block
CME8060	Lifetime Prediction & Design for Reliability	20		20		7	Block
CME8061	Advance Materials for Energy Applications	20		20		7	Block
CME8107	Process Intensification *	10	10			7	Block

CME8129	Modelling Materials and Processes	20	20			7	Block
CME8131	Electrochemical Energy Conversion and Storage	20		20		7	Block
SPG8007	Renewable Energy: Technology for circular and hydrogen economies	10		10		7	Block
SPG8008	Renewable Energy: Biomass and Bioenergy	10		10		7	Block
SPG8013	Environmental Impact Assessment	10		10		7	Block
SPG8027	Project Management Appreciation	10		10		7	Block
SPG8032	Renewable Electricity Generation Systems	20	20			7	Block

***** only students with a Reactor Engineering background should take this module and approval must be sought from the Degree Programme Director

2. Assessment methods

Details of the assessment pattern for each module are explained in the module outline.