Programme Regulations: 2025/26

Programme Titles:

Degree of Bachelor of Engineering with Honours in Chemical Engineering - UCAS Code: H810
Degree of Bachelor of Engineering with Honours in Chemical Engineering with Placement Year - Code: 1147U
Degree of Bachelor of Engineering with Honours in Chemical Engineering with International Study Year - Code: 1806U
Degree of Bachelor of Engineering with Honours in Chemical Engineering Science - Code: *1909U

Notes:

(i) These programme regulations should be read in conjunction with the University's Taught Programme Regulations.

(ii) Unless otherwise stated under 'Type', modules are not core.

(iii) A compulsory module is a module which a student is required to study.

(iv) A core module is a module which a student must pass, and in which a fail mark may neither be carried nor compensated; such modules are designated by the board of studies as essential for progression to a further stage of the programme or for study in a further module.

(v) All modules are delivered in Linear mode unless stated otherwise as Block, eLearning or distance learning.

(vi) If a candidate meets the requirements for one of the four year MEng programmes within the Chemical Engineering suite offered by the School of Engineering, then they may transfer to the relevant programme as approved by the Degree Programme Director at any time before the start of the Semester 2 examination period in Stage 2, or Stage 3 (the latter excludes Industry programmes).

(vii) Programme transfers for Student Visa students may be restricted. Please refer to the Visa Team for advice.

*(viii) * Programme coded 1909U is a non-accredited Honours degree title and is awarded where a candidate only meets the requirements of the University's Taught Programme Regulations and Examination Conventions.*

1. Stage 1

All candidates shall take the following compulsory modules:

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*
CME1021	Thermodynamics	10	10		4
CME1023	Transfer Processes	25		25	4
CME1026	Computing and Numerical Methods	10	5	5	4
CME1027	Data Analysis in Process Industries	5		5	4
CME1028	Chemical Engineering Laboratory	10	5	5	4
CME1029	Chemistry for Chemical Engineers	20	20		4
CME1030	Principles of Chemical Engineering	20	10	10	4
ENG1001	Engineering Mathematics 1	20	10	10	4

2. Stage 2

All candidates shall take the following compulsory modules:

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*
CME2022	Separation Processes 1	20		20	5
CME2023	Transfer Processes 2	20	20		5
CME2024	Reactor Engineering	10	10		5
CME2027	Introduction to Bioprocessing and Chemical Process Development	10	10		5
CME2028	Thermodynamics 2	10	10		5
CME2029	Process Measurement, Dynamics and Control	10		10	5
CME2030	Chemical Engineering Laboratory II	10		10	5
CME2031	Safety, Risk and Engineering Practice	20		20	5
ENG2011	Engineering Mathematics II	10	10		5

3. Year 3 – Intercalating Year

On completion of Stage 2 and before entering Stage 3, candidates may as part of their studies for the degree spend a year in a placement with an approved organisation or spend a year abroad at an appropriate exchange partner institution.

Permission to undertake such placement is subject to the approval of the Degree Programme Director. Students who are required to re-sit their Stage 2 assessment must delay the start of their placement year until they have done so. Students who fail Stage 2 may not complete a placement year.

(a) Candidates undertaking a placement year will take the following compulsory module:

Code	Descriptive Title	Total Credits	Credits Sem 1	Credits Sem 2	Level	Type
NCL3000	Careers Service Placement Year Module	120	60	60	6	

(b) Candidates undertaking a year abroad will take the following compulsory module:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Credits Sem 3	Level	Type
ISY3000	International Study Year Module	120	60	60	0	6	

4. Stage 3

All candidates take the following compulsory modules:

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Type*
CME3008	Process Control	10	10		6	
CME3032	Process Design and Economics	15	8	7	6	

CME3033	Separation Processes 2	15	15		6	
CME3034	Design for Process Safety	10	10		6	
CME3035	Reactor Systems Engineering	15	15		6	
CME3036	Process and Product Engineering	10		10	6	
CME3039	Plant Design	40	5	35	6	
CME3040	Chemical Engineering Laboratory III	5		5	6	

5. Assessment methods

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

6. Compensation and Condonement

For students entering the programme in 2021/22 onwards, the Engineering Council's policy on compensation and condonement will apply to marks awarded for modules at all stages, to satisfy accreditation requirements. To be awarded an accredited honours degree, only a maximum of 30 credits can be compensated over the duration of the degree programme, where the final mark is up to 5 percentage points below the pass mark. Core modules cannot be compensated. Individual projects and group projects worth more than 20 credits cannot be compensated.

There is no condonement of modules delivering Accreditation of Higher Education Programmes (AHEP) learning outcomes.

Any student not satisfying the accreditation requirements, but satisfying the University's Degree and Assessment regulations, will have the opportunity to be awarded a non-accredited honours degree with its classification based on the overall final stage averages beyond stage one.

7. Degree classification

Candidates will be assessed for degree classification on the basis of all the modules taken at Stages 2 and 3 with the weighting of the stages being 1:2 for Stage 2 and Stage 3 respectively.