

Programme Regulations: 2021/22

Programme Titles:

Degree of Bachelor of Engineering with Honours in Chemical Engineering - UCAS Code: H810 (with Foundation year – UCAS Code: H814)

Degree of Bachelor of Engineering with Honours in Chemical Engineering with Placement Year - Code: 1147U

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 Degrees of Master of Engineering in Chemical Engineering with Honours in Chemical Engineering (H813), Process Control (H830), Bioprocess Engineering (H831), Sustainable Engineering (HH82), Intensified Process Engineering (H833) or Industry (H815) they may transfer to that programme at any time before the start of the Semester 2 examination period in Stage 2, or Stage 3 (excluding Industry (H815)).*
- (vii) *Programme transfers for Tier 4 students may be restricted by current Tier 4 rules. Please refer to the Visa Team for advice.*

See also:

Stage 0 (Foundation Year) for all Degrees of Bachelor of Engineering with Honours and Master of Engineering with Honours

1. Stage 0

Candidates who do not meet the requirements for entry into Stage 1 may with approval of the Degree Programme Director commence this degree programme at Stage 0 and shall proceed under the regulations relating to Stage 0.

2. Stage 1

a) All candidates shall take the following compulsory modules:

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Level</i>
CME1020	Chemistry	25	13	12	4
CME1021	Thermodynamics	10	10		4
CME1023	Transfer Processes	25	13	12	4
CME1025	Principles of Chemical Engineering	25	15	10	4

CME1026	Computing and Numerical Methods	10	5	5	4
CME1027	Data Analysis in Process Industries	5		5	4
ENG1001	Engineering Mathematics 1	20	10	10	4

3. Stage 2

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

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Level</i>
CME2022	Separation Processes 1	20		20	5
CME2023	Transfer Processes 2	20	20		5
CME2024	Reactor Engineering	10	10		5
CME2027	Process Development Science and Analysis	10	10		5
CME2028	Thermodynamics 2	10	10		5
CME2029	Process Measurement, Dynamics and Control	10		10	5
CME2030	Chemical Engineering Laboratory I	10		10	5
CME2031	Safety, Risk and Engineering Practice	20		20	5
ENG2011	Engineering Mathematics II	10	10		5

4. Year 3 (Placement 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. Permission to undertake a 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 until they have done so. Students who fail Stage 2 may not complete a placement year.

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Level</i>
NCL3000	Careers Service Placement Year Module	120	60	60	6

5. Stage 3

All candidates take the following compulsory modules:

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Level</i>
CME3008	Process Control 2	10	10		6
CME3032	Process Design and Economics	15	10	5	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 II	5		5	6

6. Assessment methods

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

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.

8. Compensation (for students entering the programme in 2021/2022 onwards only)

The maximum number of modules that can be compensated in the whole programme is 30 credits and no modules in the final year can be compensated.

9. Condonement

No condonement is allowed for core or optional modules that contribute to the delivery of AHEP learning outcomes. A maximum of 30 credits in a Bachelors degree programme can be compensated.

If, following a first attempt at the final stage, you have not been awarded an Honours degree (or an accredited Honours degree where applicable) under Regulation V.C.31 or by the use of discretion under Regulation V.C.35, the Board of Examiners may make you the award of the unaccredited degree BEng (Hons) Chemical Engineering Science.