

ADVANCED CHEMICAL ENGINEERING (ONLINE) (JANUARY START) (MSc/PgDip/PgCert)

63UH81B1/63UH81VX/63UH81VZ

Duration: MSc 27 months part-time; PgDip 24 months part-time; PgCert 12 months part-time

Content: Candidates shall be required to attend the following designated programme of courses:

Year 1

Two from the following:

- EG551E Applied Risk Analysis and Management (15 credit points)
- EG557B Critical Minerals for Energy Transition and Sustainability (15 credit points)
- EG55Q5 Human Factors Engineering (15 credit points)

Plus two from the following:

- EG501G Fire and Explosion Engineering (15 credit points)
- EG503G Computational Fluid Dynamics (15 credit points)
- EG50S3 Safety and Risk Management (15 credit points)

Year 2

- EG506D Separation and Product Purification (15 credit points)
- EX501A Air and Water Pollution Control (15 credit points)
- EG556Q Catalyst and Reactor Design (15 credit points)
- EG557H Advanced Process Control (15 credit points)

Year 3 (MSc candidates only)

- EG555N MSc Individual Project (60 credit points)

Assessment: By a combination of written examination and course work as prescribed for each course. In addition, MSc candidates must submit a dissertation on their individual project and may be required to undergo an oral examination.

The Degree of MSc shall not be awarded to a candidate who fails to achieve a CGS Grade of D3 or above in the individual project, irrespective of their performance in other courses.