

Admission Requirements for the Chemical Discipline

(Candidates must read this leaflet in conjunction with M3 Routes to Membership)

Candidates applying for admission to the class of Member in the Chemical Discipline of the HKIE are required to have the following:

1. Academic Requirement

The academic requirement for Member in the Chemical Discipline is:

- (i) an accredited honours degree in Chemical, Chemical and Bioproduct, Chemical and Environmental or related disciplines.
- (ii) a relevant science degree such as in Chemical Technology, Energy or Environmental Technology, “topped-up” with a Master's degree in engineering or equivalent.
- (iii) other academic qualification may be considered for the class of Member based on an individual assessment.

2. Training/Experience Requirement

(i) Formal Training

2 years' training in chemical engineering

Applicants having completed the formal training (Scheme “A” Training) and acquired adequate responsible experience to manage engineering activities and can demonstrate their experience compliance with the HKIE Competence Standards, should be allowed to sit for Professional Assessment. In general, it would take no less than three years after graduation to satisfy these.

(ii) General Experience Route

Candidates who have not undertaken pre-approved training will be required to have had a minimum of six years working experience in chemical engineering, post academic qualification. Relevant fields in chemical engineering include:

- Chemical, Biochemical and Process Plant Design and Operations
- Cleaner Production
- Energy and Carbon Management
- Environmental Technology
- Green Technology
- Waste Treatment
- HAZOPS and Loss Prevention
- Material Science, New Material Design and Applications, Nanotechnology

Candidates who satisfy the above requirements will be accepted for Professional Assessment. Please refer to Section 5 of M3 Routes to Membership for details.