



# Professional Diploma in Process Safety

## Programme Overview

The overall goal of the Professional Diploma in Process Safety is to raise meaningfully the level of process safety awareness among the cohort of engineers and scientists working in the bulk pharma-chem, biopharma or process sectors, and thus allow them to contribute to the maintenance and improvement of process safety standards in their workplaces.

1 year part-time  
(Blended)

## Further Qualifications

This Level 9 Professional Diploma counts as 30 credits toward a Masters of Professional Practice, or a Masters of Engineering Practice.

For more details on these programmes visit the [Masters in Professional Practice webpage](#) and the [Masters in Engineering Practice webpage](#).

## Programme Content

The programme comprises of two semesters with two modules per semester and a workplace-related project. It is delivered via online lectures (typically 2 weekday evenings per week). It will also include one to two on-campus (in-person) workshops per semester (typically conducted on a Saturday). The lecturers are industry professionals experienced in process safety who will share their expertise on current best practice in process safety with participants.

Semester 1	Semester 2
<ul style="list-style-type: none"><li>• Commitment to Process Safety</li><li>• Understanding Process Safety Hazards and Risks</li></ul>	<ul style="list-style-type: none"><li>• Managing Process Safety Risks</li><li>• Improving Process Safety by Learning from Experience (includes workplace-related project)</li></ul>

## Participants will learn:

- Best practice in how to manage process safety.
- How to maintain process safety knowledge and competency, enhance workforce involvement in process safety, and engage with external stakeholders and communities.
- How to recognise the hazards typically found in the process industries.
- How to use selected hazard identification and risk assessment techniques.
- The basis of design and the basis of safety for typical hazardous processes.
- How to apply selected aspects of human factors to the design of processes.
- How to sustain/improve process safety by learning from past failures and successes in process safety.
- To appreciate that process safety management is a multi-faceted activity requiring committed ongoing involvement of many stakeholders within an organisation.

## Entry Requirements

Applicants must have a minimum 2.2 honours primary degree (Level 8, engineering or science related) and normally at least 2 years' experience in the bulk pharma-chem, biopharma or process industries.

## Further Information

To learn more about the Professional Diploma in Process Safety and how to apply: scan the QR code.

## Contact us

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