

## Programme Regulations: 2021/22

**Programme Title: Degree of Master of Science in Process Safety and Risk Management**  
**Code: 5382F, 5382P (September Start), 5457P (January Start)**

### Notes

- (i) *These programme regulations should be read in conjunction with the University's Taught Programme Regulations.*
- (ii) *A compulsory module is a module which a student must take.*
- (iii) *All modules are delivered in Linear mode unless stated otherwise as Block, eLearning or distance learning.*

### 1. Programme Structure

- (a) The programme is available in full-time mode.
- (a) The period of study for full-time mode shall be one (1) year.
- (b) The period of study for part-time mode shall typically be two (2) years starting in September (Semester 1). The program may begin in September (Semester 1) and January (Semester 2).
- (c) The Masters programme comprises modules to a credit value of 180 credits.

#### (d) All full time candidates shall take the following compulsory modules:

Code	Description Title	Total Credits	Credits Sem 1	Credits Sem 2	Credits Sem 3	Level	Mode
NUS8100	Legislation, Safety Case and Incident Investigation	10	10			7	
NUS8101	Environmental Impact, Legislation and Engineering in Process Safety	20	20			7	
NUS8110	Safety Engineering and Loss Prevention	20		20		7	
NUS8111	BioSafety Engineering and Occupational Health	20		20		7	
NUS8105	Safety, Health and Risk Management in Process, Petroleum and Offshore Engineering	10			10	7	
NUS8106	Hazard Identification and Quantitative Risk Assessment	20		20		7	
NUS8107	Mechanical Integrity in Process Safety	10	10			7	
NUS8108	Process Control	10	10			7	
NUS8109	Project Dissertation	60	10	10	40	7	

**(e) All part time candidates shall take the following compulsory modules in Year 1**

Code	Description Title	Total Credits	Credits Sem 1	Credits Sem 2	Credits Sem 3	Level	Mode
NUS8100	Legislation, Safety Case and Incident Investigation	10	10			7	
NUS8101	Environmental Impact, Legislation and Engineering in Process Safety	20	20			7	
NUS8110	Safety Engineering and Loss Prevention	20		20		7	
NUS8111	BioSafety Engineering and Occupational Health	20		20		7	
NUS8105	Safety, Health and Risk Management in Process, Petroleum and Offshore Engineering	10			10	7	

**(f) All part time candidates shall take the following compulsory modules in Year 2**

Code	Description Title	Total Credits	Credits Sem 1	Credits Sem 2	Credits Sem 3	Level	Mode
NUS8106	Hazard Identification and Quantitative Risk Assessment	20		20		7	
NUS8107	Mechanical Integrity in Process Safety	10	10			7	
NUS8108	Process Control	10	10			7	
NUS8109	Project Dissertation	60	10	10	40	7	

**4. Assessment methods**

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