

Enrolment Program Structure

Program Code – GMR9

Program Name – Master of Maintenance and Reliability Engineering

First Year	Course Code	Course Name	Course Rules
Semester 1			
		MRE Specialisation 1	
		MRE Specialisation 1	
Semester 2			
		MRE Specialisation 1	
		MRE Specialisation 1	
Second Year	Course Code	Course Name	Course Rules
Semester 1			
		MRE Specialisation 1	
		MRE Specialisation 1	
Semester 2			
		MRE Specialisation 1	
		MRE Specialisation 1	
Third Year	Course Code	Course Name	Course Rules
Semester 1			
		MRE Specialisation 1	
	MREGC 5008	Maintenance and Reliability Project	
Semester 2			
		MRE Specialisation 1	
		MRE Specialisation 1	

Electives

Students must complete electives from those listed below, noting that:

students only complete seven electives if 60 points of credit has been granted for previous studies completed.

only students articulating from the GEM4 Graduate Diploma in Engineering Maintenance Management or who have entered the course based on a three-year degree can choose a postgraduate management elective option*.

MREGC5001 Terotechnology and lifecycle costs - Sem 1 (ONLINE)

MREGC5002 Maintenance management - Sem 1 (ONLINE)

MREGC5003 Industrial techniques in maintenance management - Sem 2 (ONLINE)

MREGC5004 Asset management techniques - Sem 2 (ONLINE)

MREGC5005 Quantitative techniques for asset management (not required if MREGC5101 is studied) - Sem 1 (ONLINE)

MREGC5006 Machine condition monitoring and fault diagnosis - Sem 2 (ONLINE)

MREGC5007 Risk engineering - Sem 2 (ONLINE)

MREGC5101 Basic quantitative skills (not required if MREGC5005 is studied) - Sem 1 (ONLINE)

MREGC5102 Understanding reliability - Sem 1 (ONLINE)

MREGC5103 Advanced reliability - Sem 2 (ONLINE)

MREGC5104 Reliability applications - Sem 2 (ONLINE)

* only for students articulating from GEM4 Graduate Diploma in Engineering Maintenance Management)

Additional Information

This program structure applies to all students.

Glossary

Semester: designated teaching period.

PR: Pre-requisite, a course/s that must be completed prior to undertaking another course.

CO: Co-requisite, a course/s that must be completed simultaneously, or prior to, undertaking another course.

EX: Exclusion, a course/s that may not be taken.