

## Enrolment Course Structure

Course Code – CG9.SE

Course Name – Master of Technology (Software Engineering)

First Year	Unit Code	Unit Name	Unit Rules
<b>Semester 1</b>			
	ITECH5104	Foundations of Programming (Masters)	<b>EX:</b> ITECH1000 & ITECH5000 & ITECH1400
	ITECH5207	The Data-Driven Professional	<b>EX:</b> ITECH5007
	ITECH7611	Introduction To Cyber Security Fundamentals and Practices	
	MATHS5000	Mathematics For Data Science	
<b>Semester 2</b>			
	ITECH5500	Professional Research and Communication	<b>EX:</b> ITECH5401
	ITECH7400	IT Service Management and Professional Culture	<b>PR:</b> ITECH1100 & At least 60 credit points from ITECH subject-area at any level <b>EX:</b> ITECH7402
	ITECH7401	Leadership in IT Project Management	<b>PR:</b> ITECH1100 or ITECH5100 or ITECH5207
		Elective	
Second Year	Unit Code	Unit Name	Unit Rules
<b>Semester 1</b>			
	COOP19011	Co-operative Placement (Information Technology)	<b>PR:</b> At least 60 credit points
	ITECH7410	Software Engineering Methodologies	<b>PR:</b> ITECH5104
	ITECH7416	Masters Project 1	<b>PR:</b> ITECH7401 <b>EX:</b> ITECH7403 & ITECH7404 & ITECH7405 & ITECH7415 & ITECH7602
<b>Semester 2</b>			
	ITECH5403	Comparative Programming Languages	<b>PR:</b> ITECH1400 or ITECH5104
	ITECH7201	Software Engineering: Analysis and Design	<b>PR:</b> ITECH7410 <b>EX:</b> ITECH3201
	ITECH7409	Software Testing	<b>PR:</b> ITECH7410
	ITECH7417	Masters Project 2	<b>PR:</b> ITECH7416 <b>EX:</b> ITECH7403 & ITECH7404 & ITECH7405 & ITECH7415 & ITECH7602

## Additional Information

This course structure applies to students commencing from 2025. Students who commenced prior to 2025 should refer to the continuing enrolments page.

*TEQSA have advised that, in accordance with B1.1.3 of [Higher Education Standards Framework \(Threshold Standards\) 2021](#) all Higher Education Providers are required to show their TEQSA Provider number and Provider Category on all relevant public material. ITS have ensured that our website and email signature templates have been amended to ensure compliance and have provided a knowledge article to assist you to update your signatures. Marketing are working to update the brand library and all social media accounts.*

## Glossary

**Semester:** designated teaching period.

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

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

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