

## 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>			
	ITECH1100	Understanding the Digital Revolution	
	ITECH1102	Networking and Security	
	ITECH1103	Big Data and Analytics	
	ITECH1400	Foundations of Programming	<b>EX:</b> ITECH1000 & ITECH2100
<b>Semester 2</b>			
	ITECH5403	Comparative Programming Languages	<b>PR:</b> ITECH1400 or ITECH5104
	ITECH5500	Professional Research and Communication	<b>PR:</b> ITECH1100 & ITECH5100 <b>EX:</b> ITECH5401
	ITECH7201	Software Engineering: Analysis and Design	<b>PR:</b> ITECH7410 <b>EX:</b> ITECH3201
	ITECH7401	Leadership in IT Project Management	<b>PR:</b> ITECH1100 or ITECH5100
Second Year	Course Code	Course Name	Course Rules
<b>Semester 1</b>			
	ITECH5402	Enterprise Systems	<b>PR:</b> ITECH5100
	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
	ITECH7409	Software Testing	<b>PR:</b> ITECH7410
	ITECH7410	Software Engineering Methodologies	<b>PR:</b> ITECH1000 or ITECH1400
<b>Semester 2</b>			
	ITECH7415	Masters Project	<b>PR:</b> ITECH5500 & ITECH7401 <b>EX:</b> ITECH7403 & ITECH7404 & ITECH7405 & ITECH7602

### Additional Information

This course structure applies to continuing students.

### 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.