

Program Code – CG9.SE

Program Name – Master of Technology (Software Engineering)

Course Code	Course Name	Course Rules
First Year Semester 1		
ITECH1100	Understanding the Digital Revolution	PR: Nil
ITECH1102	Networking and Security	PR: Nil
ITECH1103	Big Data and Analytics	PR: Nil
ITECH1400	Foundations of Programming	EX: ITECH1000 and ITECH2100
ITECH7000	IT Professional Engagement	PR: Nil
First Year Semester 2		
ITECH5403	Comparative Programming Languages	PR: ITECH1000 or ITECH1400
ITECH5500	Professional Research and Communication	PR: ITECH1100 EX: ITECH5401
ITECH7201	Software Engineering: Analysis and Design	PR: ITECH1000 or ITECH1400 EX: ITECH3201
ITECH7401	Leadership in IT Project Management	PR: ITECH1100
Second Year Semester 1		
ITECH5402	Enterprise Systems	PR: Nil
ITECH7400	IT Service Management and Professional Culture	PR: ITECH1100 and at least 4 ITECH courses
ITECH7409	Software Testing	PR: ITECH1000 or ITECH1400
ITECH7410	Software Engineering Methodologies	PR: ITECH1000 or ITECH1400
Second Year Semester 2		
ITECH7415	Masters Project	PR: ITECH5500 and ITECH7401 EX: ITECH7403 & ITECH7404 & ITECH7405 & ITECH7602

Additional Information

This 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.