Federation University

Master of Technology (Software Engineering)
Brisbane Campus

Student Enrolment Plan – Semester One commencer

Year One	
Semester One	**Semester Two**
ITECH1100 Understanding the Digital Revolution	ITECH5402 Enterprise Systems
ITECH1102 Networking and Security	ITECH5500 Professional Research and Communication [ITECH1100] <ITECH5401>
ITECH1103 Big Data and Analytics	ITECH7201 Software Engineering: Analysis & Design [ITECH1000 or ITECH1400]
ITECH1400 Foundations of Programming <ITECH1000 and ITECH5000>	ITECH7401 Leadership in IT Project Management [ITECH1100]

Year Two	
Semester One	**Semester Two**
ITECH5403 Comparative Programming Languages [ITECH1000 or ITECH1400]	ITECH7000 IT Professional Engagement
ITECH7409 Software Testing [ITECH1000 or ITECH1400]	
ITECH7400 IT Service Management and Professional Culture [ITECH1100] [At least 60 credit points from ITECH subject-area at any level] <ITECH7402>	ITECH7415 Masters Project [ITECH5500 and ITECH7401] <ITECH7403 and ITECH7404 and ITECH7405 and ITECH7602>
ITECH7410 Software Engineering Methodologies [ITECH1000 or ITECH1400]	

[Square brackets] = Pre-requisite
A 'Pre-requisite' is a course/s that must be completed prior to undertaking another course.

{ Curly brackets } = Co-requisite
A 'Co-requisite' is a course/s that must be completed simultaneously, or prior to, undertaking another course.

< Triangular brackets > = Exclusion
An 'Exclusion' is a course/s that may not be taken.

Student Enrolment Plan – Semester Two commencer

Year One	
	Semester Two
	ITECH1100 Understanding the Digital Revolution
	ITECH1102 Networking and Security
	ITECH1103 Big Data and Analytics
	ITECH5402 Enterprise Systems

Year Two	
Semester One	**Semester Two**
ITECH7409 Software Testing [ITECH1000 or ITECH1400]	ITECH5500 Professional Research and Communication [ITECH1100] <ITECH5401>
ITECH1400 Foundations of Programming <ITECH1000 and ITECH5000>	ITECH7401 Leadership in IT Project Management [ITECH1100]
ITECH5403 Comparative Programming Languages [ITECH1000 or ITECH1400]	ITECH7400 IT Service Management and Professional Culture [ITECH1100] [At least 60 credit points from ITECH subject-area at any level] <ITECH7402>
ITECH7410 Software Engineering Methodologies [ITECH1000 or ITECH1400]	ITECH7201 Software Engineering: Analysis & Design [ITECH1000 or ITECH1400]

Year Three	
Semester One	
ITECH7415 Masters Project [ITECH5500 and ITECH7401] <ITECH7403 and ITECH7404 and ITECH7405 and ITECH7602>	
ITECH7000 IT Professional Engagement	

Student Enrolment Plan – Summer Semester commencer

Year One	
	Summer Semester
	ITECH1100 Understanding the Digital Revolution
	ITECH1102 Networking and Security
	ITECH1103 Big Data and Analytics
	ITECH1400 Foundations of Programming <ITECH1000 and ITECH5000>

Year Two	
Semester One	**Semester Two**
ITECH7409 Software Testing [ITECH1000 or ITECH1400]	ITECH5500 Professional Research and Communication [ITECH1100] <ITECH5401>
ITECH5402 Enterprise Systems	ITECH7401 Leadership in IT Project Management [ITECH1100]
ITECH5403 Comparative Programming Languages [ITECH1000 or ITECH1400]	ITECH7400 IT Service Management and Professional Culture [ITECH1100] [At least 60 credit points from ITECH subject-area at any level] <ITECH7402>
ITECH7410 Software Engineering Methodologies [ITECH1000 or ITECH1400]	ITECH7201 Software Engineering: Analysis & Design [ITECH1000 or ITECH1400]

Year Three	
Semester One	
ITECH7415 Masters Project [ITECH5500 and ITECH7401] <ITECH7403 and ITECH7404 and ITECH7405 and ITECH7602>	
ITECH7000 IT Professional Engagement	