

Program Code – CI5

Program Name – Bachelor of Information Technology (Professional Practice)

Course Code	Course Name	Course Rules
First Year Semester 1		
ITECH1001	Communications & Technology	PR: Basic Computing Skills EX: ITECH5001
ITECH1100	Understanding the Digital Revolution	PR: Nil
ITECH1101	IT Problem Solving	PR: Nil
ITECH1102	Networking & Security	PR: Nil
ITECH3000	IT Professional Engagement	PR: Nil
First Year Semester 2		
ITECH1103	Big Data & Analytics	PR: Nil
ITECH1104	Cloud & Enterprise Computing	PR: Nil
ITECH2000	Mobile Development Fundamentals	PR: ITECH1101 EX: ITECH1300
ITECH2001	Game Development Fundamentals	PR: ITECH1101
Second Year Semester 1		
ITECH2003	Web Design	PR: ITECH1100
ITECH2311	Industry Experience 1	PR: At least 8 computing courses
ITECH3215	Information Security	PR: ITECH1002 or ITECH1102
	Professional Practice elective	
Second Year Semester 2		
ITECH2004	Data Modelling	PR: ITECH1103
ITECH2250	IT Project Management Techniques	PR: ITECH1001 and at least 7 computing courses EX: ITECH3213 and ITECH5213
ITECH2312	Industry Experience 2	PR: At least 8 computing courses
	Professional Practice elective	

Third Year Semester 1

ITECH2002	Systems Modelling	PR: ITECH1100 EX: ITECH2101
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ITECH3108	Dynamic Web Development	PR: ITECH2003 EX: ITECH3224
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Third Year Semester 2

ITECH3208	Project 1	PR: ITECH2002 or ITECH2101 or ITECH3201 and ITECH2250 or ITECH3213 CO: ITECH2003 or ITECH2106 or ITECH3201
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Professional Practice elective

Fourth Year Semester 1

ITECH3209	Project 2	PR: ITECH3208
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Professional Practice elective

Fourth Year Semester 2

ITECH2310	Cloud Infrastructure and Services	PR: ITECH1104 EX: ITECH2201
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ITECH3002	Professionalism and Entrepreneurship	PR: ITECH2204 or ITECH2250
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Additional Information

Specialisation Electives

ITECH2302	Big Data Management
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ITECH2306	Agile Coding
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ITECH2308	Contemporary Mainframes
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ITECH2309	Software Engineering
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ITECH3100	Cloud and Mobile Security
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ITECH3105	Mainframe Systems and Services
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ITECH3106	Mobile User Interface Design & Development
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ITECH3107	Mobile Device Programming
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This structure applies to students commencing in 2016 and 2017.

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.