

Program Code – CT5.SD

Program Name – Bachelor of Information Technology (Software Development)

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		
	General Elective 1	
ITECH2002	Systems Modelling	PR: ITECH1100 EX: ITECH2101
ITECH2003	Web Design	PR: ITECH1100 EX: ITECH2106
ITECH2306	Agile Coding	PR: ITECH2000 and ITECH2001 OR ITECH1000 EX: ITECH2100
Second Year Semester 2		
	General Elective 2	
ITECH2004	Data Modelling	PR: ITECH1103
ITECH2250	IT Project Management Techniques	PR: ITECH1001 and at least 7 computing courses EX: ITECH3213 and ITECH5213
ITECH2309	Software Engineering	PR: ITECH2100 or ITECH2306 EX: ITECH3201

Course Code	Course Name	Course Rules
Third Year Semester 1		
General Elective 3		
ITECH3001	User Experience	PR: ITECH2003
ITECH3108	Dynamic Web Development	PR: ITECH2003 EX: ITECH3224
ITECH3208	Project 1	PR: ITECH2002 or ITECH2101 or ITECH3201 and ITECH2250 or ITECH3213 CO: ITECH2003 or ITECH2106 or ITECH3201
Third Year Semester 2		
General Elective 4		
ITECH3002	Professionalism & Entrepreneurship	PR: ITECH2250
ITECH3109	Data Structures & Algorithms	PR: ITECH2100 or ITECH2306 EX: ITECH3218
ITECH3209	Project 2	PR: ITECH3208

Additional Information

This structure applies to all students

Elective Definitions

- A 'General Elective' may be taken from any area of the University.
- A 'Computing Elective' has a code commencing with 'ITECH'.

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.