

## Enrolment Program Structure

Program Code – CT5.SD

Program Name – Bachelor of Information Technology (Software Development)

First Year	Course Code	Course Name	Course Rules
<b>Semester 1</b>			
	ITECH1001	Communications & Technology	<b>PR:</b> Basic Computing Skills <b>EX:</b> ITECH5001
	ITECH1100	Understanding the Digital Revolution	
	ITECH1101	IT Problem Solving	
	ITECH1102	Networking & Security	
	ITECH3000	IT Professional Engagement	
<b>Semester 2</b>			
	ITECH1103	Big Data & Analytics	
	ITECH1104	Cloud & Enterprise Computing	
	ITECH2000	Mobile Development Fundamentals	<b>PR:</b> ITECH1101 <b>EX:</b> ITECH1300
	ITECH2001	Game Development Fundamentals	<b>PR:</b> ITECH1101
<b>Second Year</b>			
<b>Semester 1</b>			
	ITECH2002	Systems Modelling	<b>PR:</b> ITECH1101 <b>EX:</b> ITECH2101
	ITECH2003	Web Design	<b>PR:</b> ITECH1100
	ITECH2306	Agile Coding	<b>PR:</b> ITECH2000 and ITECH2001 OR ITECH1000 <b>EX:</b> ITECH2100
		General Elective 1	
<b>Semester 2</b>			
	ITECH2004	Data Modelling	<b>PR:</b> ITECH1103
	ITECH2250	IT Project Management Techniques	<b>PR:</b> ITECH1001 and at least 7 computing courses <b>EX:</b> ITECH3213 and ITECH5213
	ITECH2309	Software Engineering	<b>PR:</b> ITECH2100 or ITECH2306 <b>EX:</b> ITECH3201
		General Elective 2	

Third Year	Course Code	Course Name	Course Rules
<b>Semester 1</b>			
	ITECH3001	User Experience	<b>PR:</b> ITECH1103 and ITECH2003
	ITECH3108	Dynamic Web Development	<b>PR:</b> ITECH2003 <b>EX:</b> ITECH3224
	ITECH3208	Project 1	<b>PR:</b> ITECH2002 or ITECH2101 or ITECH3201 and ITECH2250 or ITECH3213 <b>CO:</b> ITECH2003 or ITECH2106 or ITECH3201
		General Elective 3	
<b>Semester 2</b>			
	ITECH3002	Professionalism & Entrepreneurship	<b>PR:</b> ITECH2250
	ITECH3109	Data Structures & Algorithms	<b>PR:</b> ITECH2100 or ITECH2306 <b>EX:</b> ITECH3218
	ITECH3209	Project 2	<b>PR:</b> ITECH3208
		General Elective 4	

### Additional Information

This program 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.