Bachelor of Information Technology Double Degrees – 2020 For double degrees with Business and Commerce (B2017 and B2025) **Business information systems major**

Year 1 (4	48 credit	points)
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Year 1 (48 credit points)						
First Semester	FIT1051 Programming fundamentals in java	FIT1047 Introduction to computer systems, networks and security	Degree 2	Degree 2		
Second Semester	FIT1049 IT professional practice [12 pts FIT study]	FIT Elective 1 OR FIT1013** Digital futures: IT for Business	Degree 2	Degree 2		
Year 2 (48	credit points)	1	1			
First Semester	FIT2001 Systems development [24pts FIT study]	FIT2081 Mobile applications development [One of FIT1045, FIT1048 or FIT1051] OR FIT2095 eBusiness software technologies [FIT1051]	Degree 2	Degree 2		
Second Semester	FIT2094 Databases [One of FIT1045, FIT1048 or FIT1051]	FIT2090 Business information systems and processes [24pts FIT or BusEco study]	Degree 2	Degree 2		
First	credit points) Any unit from the	FIT3174	Degree 2	Degree 2		
Semester	Business Information Extended Major (listed below)*	IT strategy and governance [24pts FIT level 2 study] OR FIT3138 Real time enterprise systems [12 pts Level 1 FIT, SCI, ENG study]				
Second Semester	FIT2002 IT project management [36pts level 1 study including one of (FIT1040, FIT1045, FIT1048, FIT1051, ENG1003)	FIT3003 Business intelligence and data warehousing [FIT2094] OR FIT3152 Data analytics [FIT1006]	Degree 2	Degree 2		
	Year 4 (48 credit points)					
First Semester	FIT3047 Industry experience studio project 1 [Refer to Handbook]	FIT Elective 2	Degree 2	Degree 2		
Second Semester	FIT3048 Industry experience studio project 2 [FIT3047]	FIT3158 Business decision models [24pts FIT or BusEco study and one of FIT1006, ETC1000, STA1010]	Degree 2	Degree 2		

^{**} Students in the double degrees with Business and Commerce (including the Specialist degrees) will complete a unit from the Business Information Systems extended major (FIT2081 or FIT2095, FIT3174 or FIT3138, FIT3003 or FIT3152, FIT3175) in place of FIT1006.

^{**} IBL students or any students considering IBL will need to complete FIT1013 in semester 2.

Bachelor of Information Technology Double Degrees – 2020 For double degrees with Business and Commerce (B2017 and B2025) Computer networks and security major

•	Year 1 (48 credit points)					
First	FIT1045	FIT1047	Degree 2	Degree 2		
Semester	Algorithms and	Introduction to computer	Degree 2	Degree 2		
Semester	_	•				
	programming fundamentals in python	systems, networks and				
	VCE Mathematics Methods or	security				
	Specialist Mathematics units 3 &					
	4 with a study score of 25 or					
	MTH1010]					
	OR					
	FIT1048					
	Fundamentals of C++ OR					
	FIT1051					
	Programming					
	fundamentals in java					
Second	FIT1049	FIT Elective 1	Degree 2	Degree 2		
Semester	IT professional practice	2.000	20,002	200,002		
	[12 pts FIT study]					
Year 2 (48	credit points)					
First	FIT2001	FIT2093	Degree 2	Degree 2		
Semester	Systems	Introduction to cyber				
	development	security				
	[24pts FIT study]					
	OR FIT2099					
	Object-oriented design	[FIT1047 and one of FIT1045, FIT1048 or FIT1051]				
	and implementation					
	[One of FIT1045, FIT1048 or					
	FIT1051]					
Second	FIT2094	FIT2100	Degree 2	Degree 2		
Semester	Databases	Operating systems				
	[One of FIT1045, FIT1048 or FIT1051]	[FIT1047]				
Year 3 (48	credit points)			<u> </u>		
First	FIT Elective 2	FIT3165	Degree 2	Degree 2		
Semester		Computer networks	2 08:00 2	2 58. 55 2		
		[FIT2100]				
Second	FIT2002	FIT3031	Degree 2	Degree 2		
Semester	IT project management	Information and network				
	[36pts level 1 study including one of (FIT1040, FIT1045,	security				
	FIT1048, FIT1051, ENG1003)	[FIT1047 and FIT2093]				
Year 4 (48	Year 4 (48 credit points)					
First	FIT3047	FIT3173	Degree 2	Degree 2		
Semester	Industry experience	Software security				
	studio project 1	[One of FIT1045 or FIT1048 or				
	[Refer to Handbook]	FIT1051]				
Second	FIT3048	FIT2081	Degree 2	Degree 2		
Semester	Industry experience	Mobile applications				
	studio project 2 [FIT3047]	development [One of FIT1045 or FIT1048 or				
	[1.113077]	FIT1051]				
		OR				
		FIT3142				
		Distributed computing				
		[FIT2100 and FIT3165]				
		OR FIT3168				
		IT forensics				
		[FIT2093]				

Bachelor of Information Technology Double Degrees – 2020 For double degrees with Business and Commerce (B2017 and B2025) Games development major

Games d	Games development major					
Year 1 (48	Year 1 (48 credit points)					
First	FIT1047	FIT1033	Degree 2	Degree 2		
Semester	Introduction to computer	Foundations of 3D				
	systems, networks and					
	security					
Second	FIT2073	FIT1048	Degree 2	Degree 2		
Semester	Game design studio 1	Fundamentals of C++				
Year 2 (48	credit points)					
First	FIT2001	FIT2096	Degree 2	Degree 2		
Semester	Systems	Games programming 1				
	development					
	[24pts FIT study]	[FIT1048]				
	OR FIT2099					
	Object-oriented design					
	and implementation					
	[One of FIT1045, FIT1048 or					
	FIT1051]					
Second	FIT1049	FIT2097	Degree 2	Degree 2		
Semester	IT professional practice	Games programming 2				
	[12 pts FIT study]					
Voor 2 //19		[FIT2096]				
First	credit points) FIT2094	FIT3094	Degree 2	Degree 2		
Semester	Databases	Artificial life, artificial	Degree 2	Degree 2		
Scilicatei	Dutubuses	intelligence and virtual				
	[One of FIT1045, FIT1048 or	environments				
	FIT1051]	[FIT2096]				
Second	FIT2002	FIT3145	Degree 2	Degree 2		
Semester	IT project management	Game design studio 2				
	[36pts level 1 study including one of (FIT1040, FIT1045,					
	FIT1048, FIT1051, ENG1003)	[FIT2073 & FIT2096]				
Year 4 (48 credit points)						
First	FIT3039	FIT Elective	Degree 2	Degree 2		
Semester	Studio project 1					
	[(FIT2091 and (FIT2087 or					
	FIT2098)) or (FIT2073 and FIT2096)]					
Second	FIT3040	FIT3146	Degree 2	Degree 2		
Semester	Studio project 2	Maker lab	0.00 -	0.55 -		
	[FIT3039]	[One of FIT1045, FIT1048 or				
		FIT1051, ENG1003 and 90pts of				
		study]				

Bachelor of Information Technology Double Degrees – 2020 For double degrees with Business and Commerce (B2017 and B2025) Interactive media major

Year 1 (48 credit points)				
First	FIT1045	FIT1033	Degree 2	Degree 2
Semester	A lgorithms and	Foundations of 3D		
	programming			
	fundamentals in python			
	[VCE Mathematics Methods or			
	Specialist Mathematics units 3 & 4 with a study score of 25 or			
	MTH1010]			
	OR			
	FIT1048			
	Fundamentals of C++			
	OR			
	FIT1051			
	Programming			
Second	fundamentals in java FIT1047	FIT1046	Degree 2	Degree 2
Semester	Introduction to computer	Interactive media	Degree 2	Degree 2
Semester	systems, networks and	foundations		
	security			
Year 2 (48	credit points)			
First	FIT1049	FIT2091	Degree 2	Degree 2
Semester	IT professional practice	Interactive media studio 1		
		[5]740.46]		
	[12 pts FIT study]	[FIT1046]		
Second	FIT2087	FIT2092	Degree 2	Degree 2
Semester	3D character animation	Interactive media studio 2		
	[FIT1033] OR	[5:5004]		
	FIT2098	[FIT2091]		
	Virtual and augmented			
	reality			
	credit points)			
First	FIT2001	FIT2094	Degree 2	Degree 2
Semester	Systems development	Databases		
	[24pts FIT study]			
	OR			
	FIT2099	[One of FIT1045, FIT1048 or		
	Object-oriented design	FIT1051]		
	and implementation			
	[One of FIT1045, FIT1048 or FIT1051]			
Second	FIT2002	FIT3172	Degree 2	Degree 2
Semester	IT project management	Sonics	50. 	20
	[36pts level 1 study including	fo		
	one of (FIT1040, FIT1045, FIT1048, FIT1051, ENG1003)	[24 points of level 2]		
	<u> </u>			
Year 4 (48 credit points)				
First	FIT3039	FIT3169	Degree 2	Degree 2
Semester	Studio project 1 [(FIT2091 and (FIT2087 or	Immersive environments		
	FIT2098) or (FIT2073 and			
	FIT2096)]	[FIT1033]		
Second	FIT3040	FIT3146	Degree 2	Degree 2
Semester	Studio project 2	Maker lab	-	-
	[FIT3039]	[One of FIT1045, FIT1048 or		
		FIT1051, ENG1003 and 90pts of study]		
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Bachelor of Information Technology Double Degrees – 2020 For double degrees with Business and Commerce (B2017 and B2025) Software development major

Year 1	(48	credit	points)
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	or cure points,				
First	FIT1045	FIT1050	Degree 2	Degree 2	
Semester	Algorithms and	Web fundamentals	_	_	
	programming				
	fundamentals in python				
	[VCE Mathematics Methods or				
	Specialist Mathematics units 3 &				
	4 with a study score of 25 or				
	MTH1010]				
	OR FIT1048				
	Fundamentals of C++				
	OR				
	FIT1051				
	Programming				
	fundamentals in java		<u> </u>	D 2	
Second	FIT1047	FIT Elective 1	Degree 2	Degree 2	
Semester	Introduction to computer				
	systems, networks and				
	security				
	credit points)				
First	FIT2001	FIT2094	Degree 2	Degree 2	
Semester	Systems development	Databases			
		[One of FIT1045, FIT1048 or FIT1051]			
	[24pts FIT study]	1111031			
Second	FIT1049	FIT2104	Degree 2	Degree 2	
Semester	IT professional practice	Web database interface			
		[FIT2094]			
	[12 pts FIT study]	OR			
		FIT2081			
		Mobile application			
		development			
Vac. 2 /40) and dit maintel	[FIT1045, FIT1048 or FIT1051]			
First	Gredit points)	EIT217E	Dograp 2	Dograp 2	
	FIT Elective 2	FIT3175	Degree 2	Degree 2	
Semester		Usability [FIT1045, FIT1048 or FIT1051]			
Second	FIT2002	FIT Elective 3	Degree 2	Degree 2	
Semester	IT project management				
	[36pts level 1 study including				
	one of (FIT1040, FIT1045, FIT1048, FIT1051, ENG1003)				
Year 4 (48 credit points)					
First	FIT3047	Software Development	Degree 2	Degree 2	

First	FIT3047	Software Development	Degree 2	Degree 2
Semester	Industry experience	unit		
	studio project 1	(choose from list)		
	[Refer to Handbook]			
Second	FIT3048	Software Development	Degree 2	Degree 2
Semester	Industry experience	unit		
	studio project 2	(choose from list)		
	[FIT3047]			

Software Development units:

FIT3077 Software engineering: architecture and design FIT3134 Entrepreneurship or BEX3411 Entrepreneurship FIT3146 Maker lab FIT3173 Software security FIT3176 Advanced database design FIT3178 iOS app development

FIT3157 Advanced web design