### **Bachelor of Information Technology Double Degrees – 2019** For double degrees with Business and Commerce (B2017 and B2025) **Business information systems major**

Year 1	(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)		<u>'</u>	
First Semester	Any unit from the Business Information Extended Major (listed below)*	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
Year 3 (48	credit points)			
First Semester	FIT2001 Systems development [24pts FIT study]	FIT3174 IT strategy and governance [24pts FIT level 2 study] OR FIT3138 Real time enterprise systems [12 pts Level 1 FIT, SCI, ENG study]	Degree 2	Degree 2
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

<sup>\*\*</sup> 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.

<sup>\*\*</sup> IBL students or any students considering IBL will need to complete FIT1013 in semester 2.

# Bachelor of Information Technology Double Degrees – 2019 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	2051002	Degree 2
Semester	programming	systems, networks and		
		-		
	fundamentals in python [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			
	[12 pts FIT study]			
	credit points)		I	
First	FIT2001	FIT2093	Degree 2	Degree 2
Semester	Systems	Introduction to cyber		
	development	security		
	[24pts FIT study]			
	OR			
	FIT2099	[FIT1047 and one of FIT1045,		
	Object-oriented design	FIT1048 or FIT1051]		
	and implementation			
	[One of FIT1045, FIT1048 or FIT1051]			
Second	FIT2094	FIT2100	Degree 2	Degree 2
Semester	Databases	Operating systems	Degree 2	Degree 2
Jeimestei.	Databases	Sperating systems		
	[One of FIT1045, FIT1048 or	[FIT1047]		
	FIT1051]			
	credit points)			
First	FIT Elective 2	FIT3165	Degree 2	Degree 2
Semester		Computer networks		
		[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	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	development		
	[FIT3047]	[One of FIT1045 or FIT1048 or		
		FIT1051]		
		OR <b>FIT3142</b>		
		Distributed computing [FIT2100 and FIT3165]		
	1	[1112100 and F113103]	<u> </u>	

### Bachelor of Information Technology Double Degrees – 2019 For double degrees with Business and Commerce (B2017 and B2025) Games development major

	dames development major			
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++		S
	, and the second se			
Year 2 (48	credit points)			
First	FIT2001	FIT2096	Degree 2	Degree 2
Semester	Systems	Games programming 1		
	development	. 5		
	[24pts FIT study]	[FIT1048]		
	OR			
	FIT2099			
	Object-oriented design			
	and implementation			
	[One of FIT1045, FIT1048 or			
Second	FIT1051] FIT1049	FIT2097	Dograe 2	Dograe 2
	IT professional practice		Degree 2	Degree 2
Semester	Triprofessional practice	Games programming 2		
	[12 pts FIT study]	[FIT2096]		
Year 3 (48	credit points)			
First	FIT2094	FIT3094	Degree 2	Degree 2
Semester	Databases	Artificial life, artificial		
		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)	[ [=1.0 &2000]	I	I
First	FIT3039	FIT Elective	Degree 2	Degree 2
Semester	Studio project 1			
	[(FIT2091 and FIT2087) or			
	(FIT2073 and FIT2096)]			
Second	FIT3040	FIT3146	Degree 2	Degree 2
Semester	Studio project 2	Maker lab		
	[FIT3039]	[One of FIT1045, FIT1048 or		
		FIT1051, ENG1003 and 90pts of studyl		
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# Bachelor of Information Technology Double Degrees – 2019 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	<b>A</b> 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			
	fundamentals in java			
Second	FIT1047	FIT1046	Degree 2	Degree 2
Semester	Introduction to computer	Interactive media		
	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		
	[12 pts FIT study]	[FIT1046]		
Second	FIT2087	FIT2092	Degree 2	Degree 2
Semester	Advanced 3D	Interactive media studio 2	Degree 2	Degree 2
Semester	Advanced 3D	[FIT2091]		
Vaca 2 /40	[FIT1033]			
	credit points)	FIT2004	Dagge 2	Daguag 2
First Semester	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	FIT3156	Degree 2	Degree 2
Semester	IT project management	Advanced visual effects		
	[36pts level 1 study including one of (FIT1040, FIT1045,	[FIT2091]		
	FIT1048, FIT1051, ENG1003)	[2002]		
	credit points)			
First	FIT3039	FIT3169	Degree 2	Degree 2
Semester	Studio project 1	Immersive environments		
	[(FIT2091 and FIT2087) or			
	(FIT2073 and FIT2096)]			
		[FIT1033]		
Second	FIT3040	FIT3146	Degree 2	Degree 2
Semester	Studio project 2 [FIT3039]	Maker lab [One of FIT1045, FIT1048 or		
	[נווסטסט]	FIT1051, ENG1003 and 90pts of		
		study]		

### Bachelor of Information Technology Double Degrees – 2019 For double degrees with Business and Commerce (B2017 and B2025) Software development major

Year 1	(48 credit	points)	
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First	FIT1045	FIT1050	Degree 2	Degree 2
Semester	<b>A</b> lgorithms 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			
Second	FIT1047	FIT Elective 1	Degree 2	Degree 2
Semester	Introduction to computer			
	systems, networks and			
	security			
Year 2 (48	credit points)			
First	FIT2001	FIT2094	Degree 2	Degree 2
Semester	Systems development	Databases		

First Semester	FIT2001 Systems development	FIT2094 Databases [One of FIT1045, FIT1048 or FIT1051]	Degree 2	Degree 2
	[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		
		[FIT1045, FIT1048 or FIT1051]		

#### Year 3 (48 credit points)

First	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
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 FIT3146 Maker lab FIT3157 Advanced web design FIT3173 Software security FIT3176 Advanced database design FIT3178 iOS app development