Bachelor of Information Technology – 2023

Double degrees with Business and Commerce (B2017 and B2025)

Business information systems major

Year	1	(48	credit	points)

First	FIT1047	FIT1045	Degree 2	Degree 2
Semester	Introduction to computer	Introduction to		
	systems, networks and	programming		
	security			
Second	FIT1049	FIT1051	Degree 2	Degree 2
Semester	IT professional practice	Programming fundamentals		
		in java		
	[12 pts FIT study]			

Year 2 (48 credit points)

Year 2 (48 cr	euit points)			
First	FIT2001	FIT2081	Degree 2	Degree 2
Semester	Systems	Mobile applications		
	development	development		
	[24pts FIT study]	[One of FIT1045, FIT1048 or		
		FIT1051]		
		OR		
		FIT2095		
		eBusiness software		
		technologies		
		[FIT1051]		
Second	FIT Elective 1	FIT2090	Degree 2	Degree 2
Semester	OR	Business information		
	FIT1013*	systems and processes		
	Digital futures: IT for	[24pts FIT or BusEco study]		
	Business			

Year 3 (48 credit points)

1 Car 3 (+0 t	realt points)			
First	FIT2094	FIT3174	Degree 2	Degree 2
Semester	Databases [One of FIT1045, FIT1048 or FIT1051]	IT strategy and governance [24pts FIT level 2 study] OR FIT3138 Real time enterprise systems [12 pts Level 1 FIT, SCI, ENG study]		
Second	FIT2002	FIT3003	Degree 2	Degree 2
Semester	IT project management [36pts level 1 study including one of FIT1045, FIT1048, FIT1051, ENG1003]	Business intelligence and data warehousing [FIT2094] OR FIT3152 Data analytics [FIT1006]		

Year 4 (48 credit points)

,	a cuit points,			
First	FIT3047*	Any unit from the Business	Degree 2	Degree 2
Semester	Industry experience studio	information systems major		
	project 1	not already complete (listed		
	[Refer to <u>Handbook</u>]	below)**		
Second	FIT3048*	FIT3158	Degree 2	Degree 2
Semester	Industry experience studio	Business decision models		
	project 2	[24pts FIT or BusEco study and		
	[FIT3047]	one of FIT1006, ETC1000,		
		STA1010]		

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

* Industry Based Learning (IBL)

- Students accepted into the IBL program will replace FIT3047 and FIT3048 and "Any unit from the Business information systems major not already complete" on the IT side of their degree with FIT3045 Industry based learning (18 points).
- IBL placements will normally be completed in semester 2 of third year or semester 1 of fourth year.
- Students completing an IBL placement must overload in one semester OR complete a summer unit in order to complete the course in 4
 vears
- IBL students or any students considering IBL completing the BIS major will need to complete FIT1013 as a FIT Elective in semester 2.

Bachelor of Information Technology – 2023 Double degrees with Business and Commerce (B2017 and B2025) Cybersecurity major

Year 1 (48 credit points	Year	1 (48	credit	points
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First	FIT1045	FIT1047	Degree 2	Degree 2
Semester	Introduction to	Introduction to computer		
	programming	systems, networks and		
		security		
Second	FIT1049	FIT Elective 1	Degree 2	Degree 2
Semester	IT professional practice	2.000 1	268.66.2	Degree 2
	[12 pts FIT study]			

Year 2 (48 credit points)

First	FIT2081	FIT2093	Degree 2	Degree 2
Semester	Mobile applications	Introduction to cyber		
	development	security		
	[One of FIT1045 or FIT1048 or	[FIT1047 and one of FIT1045,		
	FIT1051]	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)

First	FIT2001	Cybersecurity unit	Degree 2	Degree 2
Semester	Systems	(choose from list)		
	development			
	[24pts FIT study]			
	OR			
	FIT2099			
	Object-oriented design and			
	implementation			
	[One of FIT1045, FIT1048 or			
	FIT1051]			
Second	FIT2002	Cybersecurity unit	Degree 2	Degree 2
Semester	IT project management	(choose from list)		
	[36pts level 1 study including			
	one of FIT1045, FIT1048,			
	FIT1051, ENG1003]			

Year 4 (48 credit points)

First	FIT3047*	Cybersecurity unit	Degree 2	Degree 2
Semester	Industry experience studio	(choose from list)		
	project 1			
	[Refer to <u>Handbook</u>]			
Second	FIT3048*	FIT Elective 2*	Degree 2	Degree 2
Semester	Industry experience studio			
	project 2			
	[FIT3047]			

Cybersecurity units (choose 3)

FIT3031 Network security FIT3165 Computer networks FIT3168 IT forensics FIT3173 Software security

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- Students accepted into the IBL program will replace FIT3047 and FIT3048 and an FIT Elective on the IT side of their degree with FIT3045 Industry based learning (18 points).
- IBL placements will normally be completed in semester 2 of third year or semester 1 of fourth year.
- Students completing an IBL placement must overload in one semester OR complete a summer unit in order to complete the course in 4 years.

Bachelor of Information Technology – 2023 Double degrees with Business and Commerce (B2017 and B2025) Games and immersive media major

Year 1 (48 credit point	s)
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First Semester	FIT1045 Introduction to programming	FIT1073 Game design	Degree 2	Degree 2
Second	FIT1047	FIT1033	Degree 2	Degree 2
Semester	Introduction to computer	Foundations of 3D		
	systems, networks and			
	security			
Vear 2 (48 c	redit noints)	·	·	

Year 2 (48 credit points)				
First	FIT2001	FIT2098	Degree 2	Degree 2
Semester	Systems	Virtual and augmented		
	development	reality		
	[24pts FIT study]			
	OR	[FIT1033]		
	FIT2099			
	Object-oriented design and			
	implementation			
	[One of FIT1045, FIT1048 or			
	FIT1051]			
Second	FIT1049	FIT2145	Degree 2	Degree 2
Semester	IT professional practice	Game prototyping		
		[FIT1073]		
	[12 pts FIT study]			

Year 3 (48 credit points)

First	FIT2094	FIT2096	Degree 2	Degree 2
Semester	Databases	Games programming		
		[FIT1045]		
	[One of FIT1045, FIT1048 or	OR		
	FIT1051]	FIT2169		
		Immersive environments		
		[FIT1033]		
Second	FIT2002	Games and immersive	Degree 2	Degree 2
Semester	IT project management	media unit		
	. ,	(choose from list)		
	[36pts level 1 study including			
	one of FIT1045, FIT1048,			
	FIT1051, ENG1003]			

Year 4 (48 credit points)

First	FIT3039*	Games and immersive	Degree 2	Degree 2
Semester	Studio project 1	media unit		
	[FIT2145 and one of FIT2096 or	(choose from list)		
	FIT2169 and 84 points of study]			
Second	FIT3040*	Games and immersive	Degree 2	Degree 2
Semester	Studio project 2	media unit		
		(choose from list)		
	[FIT3039]			

Games and immersive media units (choose 3)

FIT3187 3D character animation FIT3146 Maker lab

FIT3172 Sonics

FIT3097 Technical art

* Industry Based Learning (IBL)

- Students accepted into the IBL program will replace FIT3039 and FIT3040 and one Games and immersive media unit on the IT side of their degree with FIT3045 Industry based learning (18 points).
- IBL placements will normally be completed in semester 2 of third year or semester 1 of fourth year.
- Students completing an IBL placement must overload in one semester OR complete a summer unit in order to complete the course in 4 years.

Bachelor of Information Technology – 2023

Double degrees with Business and Commerce (B2017 and B2025)

Software	e development majo			
Year 1 (48 ci	redit points)		<u> </u>	
First Semester	FIT1045 Introduction to programming	FIT1050 Web fundamentals	Degree 2	Degree 2
Second Semester	FIT1047 Introduction to computer systems, networks and security	FIT Elective 1*	Degree 2	Degree 2
Year 2 (48 ci				
First Semester	FIT2001 Systems development [24pts FIT study]	FIT2094 Databases [One of FIT1045, FIT1048 or FIT1051]	Degree 2	Degree 2
Second Semester	FIT1049 IT professional practice [12 pts FIT study]	FIT2104 Web database interface [FIT2094] OR FIT2081 Mobile application development [FIT1045, FIT1048 or FIT1051]	Degree 2	Degree 2
Year 3 (48 ci	redit points)			
First Semester	FIT Elective 2*	FIT3175 Usability [FIT1045, FIT1048 or FIT1051]	Degree 2	Degree 2
Second Semester	FIT2002 IT project management [36pts level 1 study including one of FIT1045, FIT1048, FIT1051, ENG1003]	FIT Elective 3*	Degree 2	Degree 2
Year 4 (48 ci	redit points)		<u> </u>	
First Semester	FIT3047* Industry experience studio project 1 [Refer to Handbook]	Software development unit (choose from list)	Degree 2	Degree 2
Second Semester	FIT3048* Industry experience studio	Software development unit (choose from list)	Degree 2	Degree 2

Software development units (choose 2)

project 2 [FIT3047]

FIT3077 Software engineering: architecture and design FIT3173 Software security FIT3134 Entrepreneurship or BEX3411 Entrepreneurship FIT3146 Maker lab

FIT3176 Advanced database design FIT3178 iOS app development

* Industry Based Learning (IBL)

- Students accepted into the IBL program will replace FIT3047 and FIT3048 and an FIT Elective on the IT side of their degree with FIT3045 Industry based learning (18 points).
- IBL placements will normally be completed in semester 2 of third year or semester 1 of fourth year.
- Students completing an IBL placement must overload in one semester OR complete a summer unit in order to complete the course in 4 years.