# Bachelor of Information Technology and Bachelor of Arts (C2002) – 2023 Bachelor of Criminology and Bachelor of Information Technology (A2009) Business information systems major

Year 1	(48	credit	points)
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First	FIT1045	FIT1006 Business	Arts major	Arts Elective	
Semester	Introduction to	information analysis	Criminology Unit**	Criminology Unit**	
	programming	[Yr 12 Maths or MTH1010]			
Second	FIT1047	FIT1051	Arts major	Arts Elective	$\dashv$
			,		
Semester	Introduction to computer	Programming fundamentals	Criminology Unit**	Criminology Unit**	
	systems, networks and	in java			
	security				
Year 2 (48 credit points)					

First	FIT1049	FIT2081	Arts major	Arts Professional Futures
Semester	IT professional practice	Mobile applications	Criminology Unit**	Criminology Unit**
		development		
	[12 pts FIT study]	[One of FIT1045, FIT1048 or		
		FIT1051]		
		OR		
		FIT2095		
		eBusiness software		
		technologies		
		[One of FIT1045, FIT1048 or		
		FIT1051]		
Second	FIT Elective 1	FIT2090	Arts major	Arts Professional Futures
Semester	OR	Business information	Criminology Unit**	Criminology Unit**
	FIT1013*	systems and processes		
	Digital futures: IT for	[24pts FIT or BusEco study]		
	Business			
Veen 2 /40 e	Business	[24pts FIT OF BUSECO STUDY]		

#### Year 3 (48 credit points)

First	FIT2094	FIT2001	Arts major	Arts Professional Futures
Semester	Databases [One of FIT1045, FIT1048 or FIT1051]	Systems development [24pts FIT study]	Criminology Unit**	Criminology Unit**
Second Semester	FIT2002 IT project management [36pts level 1 study including one of FIT1045, FIT1048, FIT1051, ENG1003]	FIT3003  Business intelligence and data warehousing [FIT2094]  OR  FIT3152  Data analytics [FIT1006]	Arts major Criminology Unit**	Arts Professional Futures Criminology Unit**

#### Year 4 (48 credit points)

First	FIT3047*	FIT3174	Arts major	Arts Elective
Semester	Industry experience studio	IT strategy and governance	Criminology Unit **	Criminology Unit**
	project 1	[24pts FIT level 2 study]		
	[Refer to <u>Handbook</u> ]	OR		
		FIT3138		
		Real time enterprise systems		
		[12 pts FIT, SCI, ENG study]		
Second	FIT3048*	FIT3158	Arts major	Arts Elective
Semester	Industry experience studio	Business decision models	Criminology Unit**	Criminology Unit**
	project 2	[24pts FIT or BusEco study and		
	[FIT3047]	one of FIT1006, ETC1000,		
		STA1010]		

#### \*Industry Based Learning (IBL)

- Students accepted into the IBL program will replace FIT3047, FIT3048 and FIT3152/FIT3003 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.
- IBL students or any students considering IBL completing the BIS major will need to complete FIT1013 in semester 2.

## Bachelor of Information Technology and Bachelor of Arts (C2002) – 2023 Bachelor of Criminology and Bachelor of Information Technology (A2009) Cybersecurity major

Year	1 (	(48	cred	lit	poii	nts)
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First Semester	FIT1045 Introduction to programming	FIT1047 Introduction to computer systems, networks and security	Arts major Criminology Unit**	Arts Elective Criminology Unit**	
Second Semester	FIT1049 IT professional practice [12 pts FIT study]	FIT Elective 1	Arts major Criminology Unit**	Arts Elective Criminology Unit**	
Year 2 (48 credit points)					

First	FIT2081	FIT2093	Arts major	Arts Professional Futures
Semester	Mobile applications	Introduction to cyber	Criminology Unit**	Criminology Unit**
	development	security		
	[One of FIT1045 or FIT1048 or			
	FIT1051]			
		[FIT1047 and one of FIT1045,		
		FIT1048 or FIT1051]		
Second	FIT2094	FIT2100	Arts major	Arts Professional Futures
Semester	Databases	Operating systems	Criminology Unit**	Criminology Unit**
	[One of FIT1045, FIT1048 or	[FIT1047]		
	FIT1051]			

#### Year 3 (48 credit points)

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

#### Year 4 (48 credit points)

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

#### Cybersecurity units (choose 3)

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

### \* 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.

## Bachelor of Information Technology and Bachelor of Arts (C2002) – 2023 Bachelor of Criminology and Bachelor of Information Technology (A2009) Games and immersive media major

Year 1 (48 c	redit points)			
First	FIT1045	FIT1073	Arts major	Arts Elective
Semester	Introduction to programming	Game design	Criminology Unit**	Criminology Unit**
Second	FIT1047	FIT1033	Arts major	Arts Elective
Semester	Introduction to computer	Foundations of 3D	Criminology Unit**	Criminology Unit**
systems, networks and				
	security			
	redit points)	1	I .	T
First FIT2001		FIT2098	Arts major	Arts Professional Futures
Semester	Systems	Virtual and augmented	Criminology Unit**	Criminology Unit**
	development	reality		
	[24pts FIT study] OR	[5174022]		
	FIT2099	[FIT1033]		
	Object-oriented design and			
	implementation			
	One of FIT1045, FIT1048 or			
	FIT1051]			
Second	FIT1049	FIT2145	Arts major	Arts Professional Futures
Semester	IT professional practice	Game prototyping	Criminology Unit**	Criminology Unit**
		[FIT1073]		
· · · · · · · · · · · · · · · · · · ·	[12 pts FIT study]			
	redit points)	FITZOOS	I	10.00
First Semester	FIT2094 Databases	FIT2096	Arts major Criminology Unit**	Arts Professional Futures Criminology Unit**
Semester	Databases	Games programming [FIT1045]	Criminology Unit	Criminology Unit
	[One of FIT1045, FIT1048 or	OR		
	FIT1051]	FIT2169		
		Immersive environments		
		[FIT1033]		
Second	FIT2002	Games and immersive	Arts major	Arts Professional Futures
Semester	IT project management	media unit	Criminology Unit**	Criminology Unit**
		(choose from list)		
	[36pts level 1 study including			
	one of FIT1045, FIT1048,			
	FIT1051, ENG1003]			
	redit points)	Common dim	A	Auto Elegativo
First	FIT3039*	Games and immersive	Arts major	Arts Elective
Semester	Studio project 1 [FIT2145 and one of FIT2096 or	media unit	Criminology Unit**	Criminology Unit**
	FIT2169 and 84 points of study]	(choose from list)		
Second	FIT3040*	Games and immersive	Arts major	Arts Elective
Semester	Studio project 2	media unit	Criminology Unit**	Criminology Unit**
Jemester	Stadio project 2	(choose from list)	Criminology Offic	Chamboogy offic
	[5:3000]	(choose from fist)		

#### Games and immersive media units (choose 3)

FIT3187 3D character animation FIT3146 Maker lab FIT3172 Sonics FIT3097 Technical art

[FIT3039]

#### \* 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 and Bachelor of Arts (C2002) – 2023 **Bachelor of Criminology and Bachelor of Information Technology (A2009)** Software development major

Year 1	(48	credi	t poi	nts)
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First Semester	FIT1045 Introduction to programming	FIT1050 Web fundamentals	Arts major Criminology Unit**	Arts Elective Criminology Unit**
Second Semester	FIT1047 Introduction to computer systems, networks and security	FIT Elective 1	Arts major Criminology Unit**	Arts Elective Criminology Unit**

First	FIT2001	FIT2094	Arts major	Arts Professional Futures
Semester	Systems development	Databases [One of FIT1045, FIT1048 or	Criminology Unit**	Criminology Unit**
	[24pts FIT study]	FIT1051]		
Second	FIT1049	FIT2104	Arts major	Arts Professional Futures
Semester	IT professional practice	Web database interface	Criminology Unit**	Criminology Unit**
		[FIT2094]		
	[12 pts FIT study]	OR		
		FIT2081		
		Mobile application		
		development		
		[FIT1045, FIT1048 or FIT1051]		

#### Vear 3 (48 credit noints)

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First	FIT Elective 2	FIT3175	Arts major	Arts Professional Futures
Semester		Usability [FIT1045, FIT1048 or FIT1051]	Criminology Unit**	Criminology Unit**
Second	FIT2002	FIT Elective 3*	Arts major	Arts Professional Futures
Semester	IT project management [36pts level 1 study including one of FIT1045, FIT1048, FIT1051, ENG1003]		Criminology Unit**	Criminology Unit**

## Year 4 (48 credit points)

First	FIT3047*	Software Development unit	Arts major	Arts Elective
Semester	Industry experience studio project 1 [Refer to <u>Handbook</u> ]	(choose from list)	Criminology Unit**	Criminology Unit**
Second	FIT3048*	Software Development unit	Arts major	Arts Elective
Semester	Industry experience studio project 2 [FIT3047]	(choose from list)	Criminology Unit**	Criminology Unit**

#### Software development units (choose 2)

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

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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 Arts Majors**

For information on Arts majors and approved sequences, refer to <a href="https://handbook.monash.edu/browse/By%20Faculty/FacultyofArts">https://handbook.monash.edu/browse/By%20Faculty/FacultyofArts</a>

#### \*\*Bachelor of Criminology

For information on the Bachelor of Criminology requirements, refer to <a href="https://handbook.monash.edu/2022/courses/A2009">https://handbook.monash.edu/2022/courses/A2009</a>

#### Notes

1	Unless specified, all units are worth 6 credit points  Bachelor of Information Technology and Bachelor of Arts 32 units x 6cp = Total of 192 credit points  Bachelor of Criminology and Bachelor of Information Technology 32 units x 6cp = Total of 192 credit points	
	All pre-requisite and co-requisite requirements must be undertaken in order to be able to enrol into a specific unit	
Duration of degree	e 4 years full-time, 8 years part-time	
Time limit	Time limit: 10 years. Students have ten years in which to complete this award from the time they commence first year. Periods of intermission are counted as part of the ten years.	
Monash University	onash University Students should follow the course requirements for the year the course was commenced	
handbook	https://handbook.monash.edu/browse/By%20Faculty/FacultyofInformationTechnology	