Bachelor of Global Studies and Bachelor of Information Technology (A2015) – 2022 Business information systems major

Year 1	(48	credit	points)

First	FIT1051	FIT1006	ATS1020	1 st year Global studies
Semester	Programming fundamentals	Business information analysis	Leadership for social change	specialisation gateway
	in java	[Yr 12 Maths or MTH1010]		
Second	FIT1047	FIT Elective 1	ATS1052	1st year Global studies
Semester	Introduction to computer	OR	Interdisciplinary	specialisation gateway
	systems, networks and	FIT1013*	collaboration in a global	
	security	Digital futures: IT for	world	
		business		

First	FIT1049	FIT2081	ATS2086	2 nd year Global studies
Semester	IT professional practice	Mobile applications	Agency and social change	specialisation cornerstone
		development		
	[12 pts FIT study]	[One of FIT1045, FIT1048 or		
		FIT1051]		
		OR		
		FIT2095		
		eBusiness software		
		technologies		
		[One of FIT1045, FIT1048 or		
		FIT1051]		
Second	2 nd year Global studies	Global studies Specialisation	Global studies Specialisation	Global studies Specialisation
Semester	specialisation cornerstone	elective (overseas study)	elective (overseas study)	elective (overseas study)
	OR elective depending on			
	chosen specialisation**			

Year 3 (48 credit points)

First	FIT2094	FIT2001	3 rd year Global studies	Global studies Specialisation
Semester	Databases	Systems	capstone	elective
		development		
	[One of FIT1045, FIT1048 or	[24pts FIT study]		
	FIT1051]			
Second	FIT2002	FIT2090	ATS3111	Global studies Specialisation
Semester	IT project management	Business information	Social change in practice	elective
	[36pts level 1 study including	systems and processes	OR	
	one of FIT1045, FIT1048,	[24pts FIT or BusEco study]	ATS3938	
	FIT1051, ENG1003]		Social change in practice	
			(Overseas intensive)	

Year 4 (48 credit points)

First	FIT3047*	FIT3003	Global studies Specialisation	Global studies Specialisation
Semester	Industry experience studio	Business intelligence and	elective	elective
	project 1	data warehousing		
		[FIT2094]		
	[Refer to <u>Handbook</u>]	OR		
	[Refer to <u>Handbook</u>]	FIT3152		
		Data analytics		
		[FIT1006]		
Second	FIT3048*	FIT3158	FIT3174	FIT Elective 2*
Semester	Industry experience studio	Business decision models	IT strategy and governance	
	project 2		[24pts FIT level 2 study]	
		[24pts FIT or BusEco study and	OR	
	[FIT3047]	one of FIT1006, ETC1000,	FIT3138	
		STA1010]	Real time enterprise systems	
			[12 pts FIT, SCI, ENG study]	

^{**(}Only one cornerstone is required for Cultural competence and Human rights specialisation)

- 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
 vears.
- IBL students or any students considering IBL completing the BIS major will need to complete FIT1013 in semester 2.

Bachelor of Global Studies and Bachelor of Information Technology (A2015) - 2022 Computer networks and security major

Year 1	(48	credit	points)
rear I	140	crear	DUILLE

First	FIT1045	FIT1047	ATS1020	1 st year Global studies
Semester	Algorithms and programming	Introduction to computer	Leadership for social change	specialisation gateway
	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	ATS1052	1 st year Global studies
Semester	IT professional practice		Interdisciplinary	specialisation gateway
	[12 pts FIT study]		collaboration in a global	
			world	

Year 2 (48 credit points)

	realt points,			
First	FIT2001	FIT2093	ATS2086	2 nd year Global studies
Semester	Systems	Introduction to cyber	Agency and social change	specialisation cornerstone
	development	security		
	[24pts FIT study]	·		
	OR			
	FIT2099	[FIT1047 and one of FIT1045,		
	Object-oriented design and	FIT1048 or FIT1051]		
	implementation			
	One of FIT1045, FIT1048 or			
	FIT1051]			
Second	2 nd year Global studies	Global studies Specialisation	Global studies Specialisation	Global studies Specialisation
Semester	specialisation cornerstone	elective (overseas study)	elective (overseas study)	elective (overseas study)
	OR elective depending on	, , , , , , , , , , , , , , , , , , , ,	, , , , , , , , , , , , , , , , , , , ,	, , , , , , , , , , , , , , , , , , , ,
	chosen specialisation**			

Year 3 (48 credit points)

First	FIT2094	FIT3165	3 rd year Global studies	Global studies Specialisation
Semester	Databases [One of FIT1045, FIT1048 or	Computer networks [FIT1047 and one of FIT1045,	capstone	elective
	FIT1051]	FIT1047 and one of FIT1043,		
Second	FIT2002	FIT2100	ATS3111	Global studies Specialisation
Semester	IT project management [36pts level 1 study including	Operating systems	Social change in practice OR	elective
	one of FIT1045, FIT1048, FIT1051, ENG1003]	[FIT1047]	ATS3938 Social change in practice	
			(Overseas intensive)	

Year 4 (48 credit points)

First	FIT3047*	FIT3173	FIT2081	Global studies Specialisation
Semester	Industry experience studio	Software security	Mobile applications	elective
	project 1	[One of FIT1045 or FIT1048 or	development	
	[Refer to <u>Handbook</u>]	FIT1051]	[One of FIT1045 or FIT1048 or	
			FIT1051]	
			OR	
			FIT3142	
			Distributed computing	
			[FIT2100 and FIT3165]	
Second	FIT3048*	FIT3031	FIT Elective 2*	Global studies Specialisation
Semester	Industry experience studio	Network security		elective
	project 2	[FIT1047 and FIT2093]		
	[FIT3047]			

^{**(}Only one cornerstone is required for Cultural competence and Human rights specialisation)

- 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 Global Studies and Bachelor of Information Technology (A2015) - 2022 Games development major

Year	1	48	credit	points)	

First Semester	FIT1047 Introduction to computer systems, networks and security	FIT1033 Foundations of 3D	ATS1020 Leadership for social change	1st year Global studies specialisation gateway
Second	FIT2073	FIT1048	ATS1052	1st year Global studies
Semester	Game design studio 1	Fundamentals of C++	Interdisciplinary collaboration in a global world	specialisation gateway

Year 2 (48 credit points)

First	FIT2001	FIT2096	ATS2086	2 nd year Global studies
Semester	Systems	Games programming 1	Agency and social change	specialisation cornerstone
	development			
	[24pts FIT study]	[FIT1048]		
	OR			
	FIT2099			
	Object-oriented design and			
	implementation			
	[One of FIT1045, FIT1048 or			
	FIT1051]			
Second	2 nd year Global studies	Global studies Specialisation	Global studies Specialisation	Global studies Specialisation
Semester	specialisation cornerstone	elective (overseas study)	elective (overseas study)	elective (overseas study)
	OR elective depending on			
	chosen specialisation**			

Year 3 (48 credit points)

1 Cal 3 (40 Cl	tear 3 (48 credit points)				
First	FIT1049	FIT2094	3 rd year Global studies	Global studies Specialisation	
Semester	IT professional practice	Databases	capstone	elective	
	[12 pts FIT study]	[One of FIT1045, FIT1048 or FIT1051]			
Second	FIT2002	FIT2097	ATS3111	Global studies Specialisation	
Semester	IT project management	Games programming 2	Social change in practice	elective	
	[36pts level 1 study including		OR		
	one of FIT1045, FIT1048,	[FIT2096]	ATS3938		
	FIT1051, ENG1003]		Social change in practice		
			(Overseas intensive)		

Year 4 (48 credit points)

First	FIT3039*	FIT3094	Global studies Specialisation	Global studies Specialisation
Semester	Studio project 1	Artificial life, artificial	elective	elective
	[(FIT2091 and FIT2087) or	intelligence and virtual		
	(FIT2073 and FIT2096)]	environments		
		[FIT2096]		
Second	FIT3040*	FIT3146	FIT3145	FIT Elective*
Semester	Studio project 2	Maker lab	Game design studio 2	
	[FIT3039]	[One of FIT1045, FIT1048 or		
		FIT1051, ENG1003 and 90pts of		
		study]	[FIT2073 & FIT2096]	

^{**(}Only one cornerstone is required for Cultural competence and Human rights specialisation)

- Students accepted into the IBL program will replace FIT3039 and FIT3040 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 Global Studies and Bachelor of Information Technology (A2015) - 2022 Interactive media major

Year 1	(48	credit	points	١
--------	-----	--------	--------	---

First	FIT1045	FIT1033	ATS1020	1 st year Global studies
Semester	Algorithms and programming	Foundations of 3D	Leadership for social change	specialisation gateway
	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	ATS1052	1 st year Global studies
Semester	Introduction to computer	Interactive media	Interdisciplinary	specialisation gateway
	systems, networks and	foundations	collaboration in a global	
	security		world	
Year 2 (48	credit points)			
First	FIT1049	FIT2087	ATS2086	2 nd year Global studies
Semester	IT professional practice	3D character animation	Agency and social change	specialisation cornerstone
	[12 pts FIT study]	[FIT1033]		
Second	2 nd year Global studies	Global studies Specialisation	Global studies Specialisation	Global studies Specialisation
Semester	specialisation cornerstone	elective (overseas study)	elective (overseas study)	elective (overseas study)
	OR elective depending on			
	chosen specialisation**			
Year 3 (48	credit points)			
First	FIT2001	FIT2091	3 rd year Global studies	Global studies Specialisation
Semester	Systems	Interactive media studio 1	capstone	elective
	development			
	[24pts FIT study]	[FIT1046]		
	OR			

Year 4 (48 credit points)

Second

Semester

FIT2099

FIT1051]

FIT2002

implementation [One of FIT1045, FIT1048 or

Object-oriented design and

IT project management [36pts level 1 study including

one of (FIT1045, FIT1048,

FIT1051, ENG1003)

First	FIT3039	FIT3169	Global studies Specialisation	Global studies Specialisation
Semester	Studio project 1 [(FIT2091 and FIT2087) or	Immersive environments	elective	elective
	(FIT2073 and FIT2096)]	[FIT1033]		
Second	FIT3040	FIT3146	FIT3172	FIT2094
Semester	Studio project 2	Maker lab	Sonics	Databases
	[FIT3039]	[One of FIT1045, FIT1048 or		
		FIT1051, ENG1003 and 90pts of study]	[24 points of level 2]	[One of FIT1045, FIT1048 or FIT1051]

ATS3111

ATS3938

OR

Social change in practice

Social change in practice (Overseas intensive)

Global studies Specialisation

elective

Industry Based Learning (IBL)

- Students accepted into the IBL program will need to discuss their unit enrolment on the IT side of the degree with the Faculty.
 Completing an IBL placement with the IM major may require completing an additional unit above the 192 points required for the degree
- IBL placements will normally be completed in semester 2 of third year or semester 1 of fourth year.

FIT2092

[FIT2091]

Interactive media studio 2

• Students completing an IBL placement must overload in one semester OR complete a summer unit in order to complete the course in 4 years.

^{**(}Only one cornerstone is required for Cultural competence and Human rights specialisation)

Bachelor of Global Studies and Bachelor of Information Technology (A2015) - 2022 Software development major

Year	1	(48	credit	points)	١

First	FIT1045	FIT1050	ATS1020	1 st year Global studies
Semester	Algorithms and programming	Web fundamentals	Leadership for social change	specialisation gateway
	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	ATS1052	1 st year Global studies
Semester	Introduction to computer		Interdisciplinary	specialisation gateway
	systems, networks and		collaboration in a global	
	security		world	
Year 2 (48 cr				
Final	edit points)			
First	redit points) FIT2001	FIT2094	ATS2086	2 nd year Global studies
Semester		FIT2094 Databases	ATS2086 Agency and social change	2 nd year Global studies specialisation cornerstone
	FIT2001			'
	FIT2001 Systems	Databases		'

Year 3 (48 credit points)

specialisation cornerstone

OR elective depending on chosen specialisation**

Semester

First	FIT1049	FIT3175	3 rd year Global studies	Global studies Specialisation
Semester	IT professional practice	Usability	capstone	elective
	[12 pts FIT study]	[FIT1045, FIT1048 or FIT1051]		
Second	FIT2002	FIT2104	ATS3111	Global studies Specialisation
Semester	IT project management	Web database interface	Social change in practice	elective
	[36pts level 1 study including	[FIT2094]	OR	
	one of FIT1045, FIT1048,	OR	ATS3938	
	FIT1051, ENG1003]	FIT2081	Social change in practice	
		Mobile application	(Overseas intensive)	
		development		
		[FIT1045, FIT1048 or FIT1051]		

elective (overseas study)

elective (overseas study)

elective (overseas study)

Year 4 (48 credit points)

First	FIT3047*	Software development unit	Global studies Specialisation	Global studies Specialisation
Semester	Industry experience studio	(choose from list)	elective	elective
	project 1			
	[Refer to <u>Handbook</u>]			
Second	FIT3048*	Software development unit	FIT Elective 2*	FIT Elective 3
Semester	Industry experience studio	(choose from list)		
	project 2			
	[FIT3047]			

^{**(}Only one cornerstone is required for Cultural competence and Human rights specialisation)

Software development units:

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

FIT3157 Advanced web design

FIT3173 Software security FIT3176 Advanced database design FIT3178 iOs app development

- 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.

IT Core	IT Major	Global Studies
---------	----------	----------------

Notes

Credit points	Unless specified, all units are worth 6 credit points Bachelor of Information Technology and Bachelor of Global Studies 32 units x 6cp = Total of 192 credit points
Unit requisites	All pre-requisite and co-requisite requirements must be undertaken in order to be able to enrol into a specific unit
Duration of degree	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	Students should follow the course requirements for the year the course was commenced
handbook	https://handbook.monash.edu/browse/By%20Faculty/FacultyofInformationTechnology