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

Year 1 (48 credit points)

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

Year 2 (48 credit points)

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	**FIT Elective 1** OR **FIT1013*** Digital futures: IT for Business	**FIT2090** Business information systems and processes [24pts FIT or BusEco study]	Degree 2	Degree 2

Year 3 (48 credit points)

First Semester	**FIT2094** Databases [One of FIT1045, FIT1048 or FIT1051]	**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 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]	**Any unit from the Business information systems major not already complete** (listed below)**	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 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 years.
- 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)

First Semester	**FIT1045** Introduction to programming	**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**	Degree 2	Degree 2

Year 2 (48 credit points)

First Semester	**FIT2081** Mobile applications development [One of FIT1045 or FIT1048 or FIT1051]	**FIT2093** Introduction to cyber security [FIT1047 and one of FIT1045, FIT1048 or FIT1051]	Degree 2	Degree 2
Second Semester	**FIT2094** Databases [One of FIT1045, FIT1048 or FIT1051]	**FIT2100** Operating systems [FIT1047]	Degree 2	Degree 2

Year 3 (48 credit points)

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

Year 4 (48 credit points)

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

Cybersecurity units (choose 3)

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

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

Year 1 (48 credit points)

First Semester	**FIT1045** Introduction to programming	**FIT1073** Game design	Degree 2	Degree 2
Second Semester	**FIT1047** Introduction to computer systems, networks and security	**FIT1033** Foundations of 3D	Degree 2	Degree 2

Year 2 (48 credit points)

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

Year 3 (48 credit points)

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

Year 4 (48 credit points)

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

Games and immersive media units (choose 3)
FIT3187 3D character animation
FIT3146 Maker lab
FIT3172 Sonics
FIT3097 Technical art

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* 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 development major

Year 1 (48 credit points)

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 credit points)

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 credit 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 credit points)

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 project 2 [FIT3047]	Software development unit (choose from list)	Degree 2	Degree 2

Software development units (choose 2)

FIT3077 Software engineering: architecture and design	FIT3173 Software security
FIT3134 Entrepreneurship or BEX3411 Entrepreneurship	FIT3176 Advanced database design
FIT3146 Maker lab	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.