Bachelor of Information Technology – 2022
Double degrees with Business and Commerce (B2017 and B2025)
Business information systems major

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)

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	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	Any unit from the Business information systems major not already complete (listed below)**	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]	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

** 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 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.
- 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 – 2022
Double degrees with Business and Commerce (B2017 and B2025)
Computer networks and security major

Year 1 (48 credit points)

First Semester	FIT1045 Algorithms and 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	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	FIT2001 Systems development [24pts FIT study] OR FIT2099 Object-oriented design and implementation [One of FIT1045, 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	FIT Elective 2*	FIT3165 Computer networks [FIT1047 and one of 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]	FIT3031 Network security [FIT1047 and FIT2093]	Degree 2	Degree 2

Year 4 (48 credit points)

First Semester	FIT3047* Industry experience studio project 1 [Refer to Handbook]	FIT3173 Software security [One of FIT1045 or FIT1048 or FIT1051]	Degree 2	Degree 2
Second Semester	FIT3048* Industry experience studio project 2 [FIT3047]	FIT2081 Mobile applications development [One of FIT1045 or FIT1048 or FIT1051] OR FIT3142 Distributed computing [FIT2100 and FIT3165] OR FIT3168 IT forensics [FIT2093]	Degree 2	Degree 2

* 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 – 2022
Double degrees with Business and Commerce (B2017 and B2025)
Games development major

Year 1 (48 credit points)

First Semester	FIT1047 Introduction to computer systems, networks and security	FIT1033 Foundations of 3D	Degree 2	Degree 2
Second Semester	FIT2073 Game design studio 1	FIT1048 Fundamentals of C++	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]	FIT2096 Games programming 1 [FIT1048]	Degree 2	Degree 2
Second Semester	FIT1049 IT professional practice [12 pts FIT study]	FIT2097 Games programming 2 [FIT2096]	Degree 2	Degree 2

Year 3 (48 credit points)

First Semester	FIT2094 Databases [One of FIT1045, FIT1048 or FIT1051]	FIT3094 Artificial life, artificial intelligence and virtual environments [FIT2096]	Degree 2	Degree 2
Second Semester	FIT2002 IT project management [36pts level 1 study including one of FIT1045, FIT1048, FIT1051, ENG1003]	FIT3145 Game design studio 2 [FIT2073 & FIT2096]	Degree 2	Degree 2

Year 4 (48 credit points)

First Semester	FIT3039* Studio project 1 [(FIT2091 and (FIT2087 or FIT2098)) or (FIT2073 and FIT2096)]	FIT Elective*	Degree 2	Degree 2
Second Semester	FIT3040* Studio project 2 [FIT3039]	FIT3146 Maker lab [One of FIT1045, FIT1048 or FIT1051, ENG1003 and 90pts of study]	Degree 2	Degree 2

* Industry Based Learning (IBL)

- 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 Information Technology – 2022
Double degrees with Business and Commerce (B2017 and B2025)
Interactive media major

Year 1 (48 credit points)

First Semester	**FIT1045** Algorithms and 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	**FIT1033** Foundations of 3D	Degree 2	Degree 2
Second Semester	**FIT1047** Introduction to computer systems, networks and security	**FIT1046** Interactive media foundations	Degree 2	Degree 2

Year 2 (48 credit points)

First Semester	**FIT1049** IT professional practice [12 pts FIT study]	**FIT2091** Interactive media studio 1 [FIT1046]	Degree 2	Degree 2
Second Semester	**FIT2094** Databases [One of FIT1045, FIT1048 or FIT1051]	**FIT2092** Interactive media studio 2 [FIT2091]	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]	**FIT2087** 3D character animation [FIT1033] OR **FIT2098** Virtual and augmented reality	Degree 2	Degree 2
Second Semester	**FIT2002** IT project management [36pts level 1 study including one of FIT1045, FIT1048, FIT1051, ENG1003]	**FIT3172** Sonics [24 points of level 2]	Degree 2	Degree 2

Year 4 (48 credit points)

First Semester	**FIT3039** Studio project 1 [(FIT2091 and (FIT2087 or FIT2098)) or (FIT2073 and FIT2096)]	**FIT3169** Immersive environments [FIT1033]	Degree 2	Degree 2
Second Semester	**FIT3040** Studio project 2 [FIT3039]	**FIT3146** Maker lab [One of FIT1045, FIT1048 or FIT1051, ENG1003 and 90pts of study]	Degree 2	Degree 2

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.
- 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 – 2022
Double degrees with Business and Commerce (B2017 and B2025)
Software development major

Year 1 (48 credit points)

First Semester	**FIT1045** Algorithms and 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	**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

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
FIT3157 Advanced web design	

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- 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.