Bachelor of Information Technology Double Degrees – 2020
For 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 Extended Major (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 (FIT1040, 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 (including the Specialist degrees) will complete a unit from the Business Information Systems extended major (FIT2081 or FIT2095, FIT3174 or FIT3138, FIT3003 or FIT3152, FIT3175) in place of FIT1006.

** IBL students or any students considering IBL will need to complete FIT1013 in semester 2.

Bachelor of Information Technology Double Degrees – 2020
For 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 [FIT2100]	Degree 2	Degree 2
Second Semester	**FIT2002** IT project management [36pts level 1 study including one of (FIT1040, FIT1045, FIT1048, FIT1051, ENG1003)	**FIT3031** Information and 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

Bachelor of Information Technology Double Degrees – 2020
For 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 (FIT1040, 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

Bachelor of Information Technology Double Degrees – 2020
For double degrees with Business and Commerce (B2017 and B2025)
Interactive media major

Year 1 (48 credit points)

First Semester	**FIT1045** **A**lgorithms 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	**FIT2087** 3D character animation [FIT1033] OR **FIT2098** Virtual and augmented reality	**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]	**FIT2094** Databases [One of FIT1045, FIT1048 or FIT1051]	Degree 2	Degree 2
Second Semester	**FIT2002** IT project management [36pts level 1 study including one of (FIT1040, 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

Bachelor of Information Technology Double Degrees – 2020
For 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 (FIT1040, 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	