

BACHELOR OF INFORMATION TECHNOLOGY (C2000) – October 2021

Business Information Systems major

2021

October 2021	FIT1051 Programming fundamentals in java	FIT1047 Introduction to computer systems, networks and security	FIT Elective 1: One of FIT1045, FIT1046, FIT1050	FIT Elective 2: One of FIT1045, FIT1046, FIT1050
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2022

Semester 1 2022	FIT1006 Business information analysis [Completion of Year 12 Maths]	FIT2081 Mobile applications development [One of FIT1045, FIT1048 or FIT1051] OR FIT2095 eBusiness software technologies [One of FIT1045, FIT1048 or FIT1051]	FIT1049 IT professional practice [12 pts FIT study]	Elective
Semester 2 2022	FIT2002 IT project management [Completion of 36pts study including one of FIT1045, FIT1048, FIT1051, ENG1003]	FIT2090 Business information systems and processes [24pts FIT or BusEco study]	FIT2094 Databases [One of FIT1045, FIT1048 or FIT1051]	Elective

2023

Semester 1 2023	FIT2001 Systems development [24pts FIT study]	FIT3174 IT strategy and governance [24pts FIT level 2 study] OR FIT3138 Real time enterprise systems [12 pts level 2 FIT, SCI, ENG study]	Elective	Elective
Semester 2 2023	FIT3047 Industry experience studio project 1 [Refer to Handbook]	FIT3158 Business decision modelling [24pts FIT or BusEco study and one of FIT1006, ETC1000, STA1010]	Elective	Elective

2024

Semester 1 2024	FIT3048 Industry experience studio project 2 [FIT3047]	FIT3152 Data analytics [FIT1006] OR FIT3003 Business intelligence and data warehousing [FIT2094]	Elective	Elective
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Notes

Credit points	Unless specified, all units are worth 6 credit points Bachelor of Information Technology 24 units x 6cp = Total of 144 credit points
Year Level Requirements	1) Normally 48 points, and a maximum of 60 points, of first year level units will be counted; 2) At least 36 points must be completed at third year level.
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	3 years full-time, 6 years part-time
Time limit	Time limit = 8 years. Students have eight years in which to complete this award from the time they commence first year. Periods of intermission are counted as part of the eight years.
Monash University handbook	Students should follow the course requirements for the year the course was commenced https://handbook.monash.edu/2021/courses/C2000?year=2021

BACHELOR OF INFORMATION TECHNOLOGY (C2000) – October 2021

Computer Networks and Security major

October 2021	One of 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 FIT1051 Programming fundamentals in java	FIT1047 Introduction to computer systems, networks and security	FIT Elective 1: One of FIT1045, FIT1046, FIT1050 or FIT1051	FIT Elective 2: One of FIT1045, FIT1046, FIT1050 or FIT1051
Semester 1 2022	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]	FIT1049 IT professional practice [12 pts FIT study]	Elective
Semester 2 2022	FIT2002 IT project management [Completion of 36pts study including one of (FIT1045, FIT1048, FIT1051, ENG1003)]	FIT2100 Operating systems [FIT1047]	FIT2094 Databases [One of FIT1045, FIT1048 or FIT1051]	Elective
Semester 1 2023	FIT3173 Software security [One of FIT1045 or FIT1048 or FIT1051]	FIT3165 Computer networks [FIT1047 and one of FIT1045, FIT1048 or FIT1051]	Elective	Elective
Semester 2 2023	FIT3047 Industry experience studio project 1 [Refer to Handbook]	FIT3031 Network security [FIT1047 and FIT2093]	Elective	Elective
Semester 1 2024	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]	Elective	Elective

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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	3 years full-time, 6 years part-time
Time limit	Time limit = 8 years. Students have eight years in which to complete this award from the time they commence first year. Periods of intermission are counted as part of the eight years.
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BACHELOR OF INFORMATION TECHNOLOGY (C2000) – October 2021

Games Development major

2021

October 2021	FIT1047 Introduction to computer systems, networks and security	FIT Elective 1: One of FIT1045, FIT1046, FIT1050 or FIT1051	Elective: One of FIT1045, FIT1046, FIT1050, FIT1051 or unit from another Faculty	Elective: One of FIT1045, FIT1046, FIT1050, FIT1051 or unit from another Faculty
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2022

Semester 1 2022	FIT1049 IT professional practice [12 pts FIT study]	FIT1033 Foundations of 3D	FIT2094 Databases [One of FIT1045, FIT1048 or FIT1051]	Elective
Semester 2 2022	FIT2002 IT project management [Completion of 36pts study including one of (FIT1045, FIT1048, FIT1051, ENG1003)]	FIT1048 Fundamentals of C++	FIT2073 Game design studio 1	Elective

2023

Semester 1 2023	FIT2001 Systems development [24pts FIT study] OR FIT2099 Object-oriented design and implementation [One of FIT1045, FIT1048 or FIT1051]	FIT2096 Games programming 1 [FIT1048]	Elective	Elective
Semester 2 2023	FIT3039 Studio project 1 [[FIT2091 and FIT2087] or [FIT2073 and FIT2096]]	FIT2097 Games programming 2 [FIT2096]	FIT3145 Game design studio 2 [FIT2073 & FIT2096]	FIT3146 Maker lab [One of FIT1045, FIT1048 or FIT1051, ENG1003 and 90pts of study]

2024

Semester 1 2024	FIT3040 Studio project 2 [FIT3039]	FIT3094 Artificial life, artificial intelligence and virtual environments [FIT2096]	Elective	Elective
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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	3 years full-time, 6 years part-time
Time limit	Time limit = 8 years. Students have eight years in which to complete this award from the time they commence first year. Periods of intermission are counted as part of the eight years.
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BACHELOR OF INFORMATION TECHNOLOGY (C2000) – October 2021

Interactive media major

2021

October 2021	FIT1046 Interactive media foundations	One of 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 FIT1051 Programming fundamentals in java	FIT1047 Introduction to computer systems, networks and security	Elective: One of FIT1045, FIT1050 or FIT1051 or unit from another Faculty
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2022

Semester 1 2022	FIT1049 IT professional practice [12 pts FIT study]	FIT1033 Foundations of 3D	FIT2091 Interactive media studio 1 [FIT1046]	Elective
Semester 2 2022	FIT2002 IT project management [Completion of 36pts of study including one of (FIT1045, FIT1048, FIT1051, ENG1003)]	FIT2094 Databases [One of FIT1045, FIT1048 or FIT1051]	FIT2092 Interactive media studio 2 [FIT2091]	Elective

2023

Semester 1 2023	FIT2001 Systems development [24pts FIT study] OR FIT2099 Object-oriented design and implementation [One of FIT1045, FIT1048 or FIT1051]	FIT3169 Immersive environments [FIT1033]	FIT2087 3D character animation [FIT1033]	Elective
Semester 2 2023	FIT3039 Studio project 1 [[FIT2091 and FIT2087] or (FIT2073 and FIT2096)]	FIT3146 Maker lab [One of FIT1045, FIT1048 or FIT1051, ENG1003 and 90pts of study]	FIT3172 Sonics [24 points of level 2]	Elective

2024

Semester 1 2024	FIT3040 Studio project 2 [FIT3039]	Elective	Elective	Elective
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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	3 years full-time, 6 years part-time
Time limit	Time limit = 8 years. Students have eight years in which to complete this award from the time they commence first year. Periods of intermission are counted as part of the eight years.
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BACHELOR OF INFORMATION TECHNOLOGY (C2000) – October 2021

Software Development major

October 2021	One of 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 FIT1051 Programming fundamentals in java	FIT1050 Web fundamentals	FIT1047 Introduction to computer systems, networks and security	FIT Elective 1: One of FIT1045, FIT1046, FIT1051
Semester 1 2022	FIT1049 IT professional practice [12 pts FIT study]	FIT2094 Databases [One of FIT1045, FIT1048 or FIT1051]	FIT2001 Systems development [24pts FIT study]	Elective
Semester 2 2022	FIT2002 IT project management [Completion of 36pts of study including one of (FIT1045, FIT1048, FIT1051, ENG1003)]	FIT2104 Web database interface [FIT2094] OR FIT2081 Mobile application development [FIT1045, FIT1048 or FIT1051]	Elective	Elective
Semester 1 2023	FIT3175 Usability [FIT1045, FIT1048 or FIT1051]	FIT Elective 2	Elective	Elective
Semester 2 2023	FIT3047 Industry experience studio project 1 [Refer to Handbook]	Software Development unit (choose from list)	FIT Elective 3	Elective
Semester 1 2024	FIT3048 Industry experience studio project 2 [FIT3047]	Software Development unit (choose from list)	Elective	Elective

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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