Bachelor of Information Technology and Bachelor of Arts (C2002) – 2017
Business information systems major

Year 1 (48 credit points)

First Semester	FIT1051 Programming fundamentals in java	FIT1006 Business information analysis** [Yr 12 Maths or MTH1010]	Arts major	Arts minor
Second Semester	FIT1047 Introduction to computer systems, networks and security	FIT Elective 1	Arts major	Arts minor

Year 2 (48 credit points)

First Semester	FIT1049 IT professional practice [12 pts FIT study]	FIT2081 Mobile applications development [One of FIT1045, FIT1048 or FIT1051] OR FIT2095 eBusiness software technologies [One of FIT1045, FIT1048 or FIT1051]	Arts major	Arts minor
Second Semester	FIT2094 Databases [One of FIT1045, FIT1048 or FIT1051]	FIT2090 Business information systems and processes [24pts FIT or BusEco study]	Arts major	Arts minor

Year 3 (48 credit points)

First Semester	FIT2001 Systems development [24pts FIT study]	FIT3174 IT strategy and governance [24pts FIT level 1 study and FIT1006 or ETC1000] OR FIT3138 Real time enterprise systems [12 pts FIT, SCI, ENG study]	Arts major	Arts Elective
Second Semester	FIT2002 IT project management [36pts level 1 study including one of (FIT1040, FIT1045, FIT1048, FIT1051, ENG1003) and FIT1049]	FIT3003 Business intelligence and data warehousing [FIT2094] OR FIT3152 Data analytics [FIT1006]	Arts major	Arts Elective

Year 4 (48 credit points)

First Semester	FIT3047 Industry experience studio project 1 [Refer to Handbook]	FIT Elective 2	Arts major	Arts Elective
Second Semester	FIT3048 Industry experience studio project 2 [FIT3047]	FIT3158 Business decision models [FIT1006]	Arts major	Arts Elective

Bachelor of Information Technology and Bachelor of Arts (C2002) – 2017 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	Arts major	Arts minor
Second Semester	**FIT1049** IT professional practice [12 pts FIT study]	**FIT Elective 1**	Arts major	Arts minor

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]	Arts major	Arts minor
Second Semester	**FIT2094** Databases [One of FIT1045, FIT1048 or FIT1051]	**FIT2100** Operating systems [FIT1047 and one of FIT1045, FIT1048 or FIT1051]	Arts major	Arts minor

Year 3 (48 credit points)

First Semester	**FIT Elective 2**	**FIT3165** Computer networks [FIT2100]	Arts major	Arts Elective
Second Semester	**FIT2002** IT project management [36pts level 1 study including one of (FIT1040, FIT1045, FIT1048, FIT1051, ENG1003) and FIT1049]	**FIT3031** Information and network security [FIT1047]	Arts major	Arts Elective

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]	Arts major	Arts Elective
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]	Arts major	Arts Elective

Bachelor of Information Technology and Bachelor of Arts (C2002) – 2017
Games development major

Year 1 (48 credit points)

First Semester	**FIT1047** Introduction to computer systems, networks and security	**FIT1033** Foundations of 3D	Arts major	Arts minor
Second Semester	**FIT2073** Game design studio 1	**FIT1048** Fundamentals of C++	Arts major	Arts minor

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]	Arts major	Arts minor
Second Semester	**FIT1049** IT professional practice [12 pts FIT study]	**FIT2097** Games programming 2 [FIT2096]	Arts major	Arts minor

Year 3 (48 credit points)

First Semester	**FIT2094** Databases [One of FIT1045, FIT1048 or FIT1051]	**FIT3094** Artificial life, artificial intelligence and virtual environments [FIT2096]	Arts major	Arts Elective
Second Semester	**FIT2002** IT project management [36pts level 1 study including one of (FIT1040, FIT1045, FIT1048, FIT1051, ENG1003) and FIT1049]	**FIT3145** Game design studio 2 [FIT2073]	Arts major	Arts Elective

Year 4 (48 credit points)

First Semester	**FIT3039** Studio project 1 [FIT2092 or (FIT2073 and FIT2096)]	**FIT Elective**	Arts major	Arts Elective
Second Semester	**FIT3040** Studio project 2 [FIT3039]	**FIT3146** Emergent technologies and interfaces [24pts level 2 or 3 FIT study]	Arts major	Arts Elective

Bachelor of Information Technology and Bachelor of Arts (C2002) – 2017 Multimedia 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	**FIT1033** Foundations of 3D	Arts major	Arts minor
Second Semester	**FIT1047** Introduction to computer systems, networks and security	**FIT1046** Creative computing foundations	Arts major	Arts minor

Year 2 (48 credit points)

First Semester	**FIT1049** IT professional practice [12 pts FIT study]	**FIT2091** Creative computing studio 1 [FIT1046]	Arts major	Arts minor
Second Semester	**FIT2087** Advanced 3D [FIT1033]	**FIT2092** Creative computing studio 2 [FIT2091]	Arts major	Arts minor

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]	Arts major	Arts Elective
Second Semester	**FIT2002** IT project management [36pts level 1 study including one of (FIT1040, FIT1045, FIT1048, FIT1051, ENG1003) and FIT1049]	**FIT3156** Advanced visual effects [FIT2087 and FIT2092]	Arts major	Arts Elective

Year 4 (48 credit points)

First Semester	**FIT3039** Studio project 1 [FIT2092 or (FIT2073 and FIT2096)]	**FIT3169** Immersive environments [FIT1033]	Arts major	Arts Elective
Second Semester	**FIT3040** Studio project 2 [FIT3039]	**FIT3146** Emergent technologies and interfaces [24pts level 2 or 3 FIT study]	Arts major	Arts Elective

Bachelor of Information Technology and Bachelor of Arts (C2002) – 2017 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	Arts major	Arts minor
Second Semester	**FIT1047** Introduction to computer systems, networks and security	**FIT Elective 1**	Arts major	Arts minor

Year 2 (48 credit points)

First Semester	**FIT2001** Systems development [24pts FIT study]	**FIT2094** Databases [One of FIT1045, FIT1048 or FIT1051]	Arts major	Arts minor
Second Semester	**FIT1049** IT professional practice [12 pts FIT study]	**FIT2104** Web database interface [FIT1050 and FIT1051 and FIT2094] OR **FIT2081** Mobile application development [FIT1045, FIT1048 or FIT1051]	Arts major	Arts minor

Year 3 (48 credit points)

First Semester	**FIT Elective 2**	**FIT3175** Usability [FIT1045, FIT1048 or FIT1051]	Arts major	Arts Elective
Second Semester	**FIT2002** IT project management [36pts level 1 study including one of (FIT1040, FIT1045, FIT1048, FIT1051, ENG1003) and FIT1049]	**FIT Elective 3**	Arts major	Arts Elective

Year 4 (48 credit points)

First Semester	**FIT3047** Industry experience studio project 1 [Refer to Handbook]	**Software Development unit** (choose from list)	Arts major	Arts Elective
Second Semester	**FIT3048** Industry experience studio project 2 [FIT3047]	**Software Development unit** (choose from list)	Arts major	Arts Elective

Software Development units:

FIT3077 Software engineering: architecture and design
FIT3134 IT-based entrepreneurship
FIT3146 Emergent technologies and interfaces
FIT3157 Advanced web design

FIT3173 Software security
FIT3176 Advanced database design
FIT3178 Advanced mobile apps

Bachelor of Arts Majors and

For information on Arts majors and approved sequences, refer to http://www.monash.edu.au/pubs/2017handbooks/aos/index-byfaculty-arts.html

Notes

Credit points	Unless specified, all units are worth 6 credit points Bachelor of Information Technology and Bachelor of Arts 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 handbook	Students should follow the course requirements for the year the course was commenced http://monash.edu/pubs/2017handbooks/courses/index-byfaculty-it.html