

BACHELOR OF INFORMATION TECHNOLOGY (C2000) – 2016

Computer Networks and Security major

Year 1 (48 credit points)

First Semester	FIT1051 Programming foundations OR FIT1045 Introduction to algorithms and programming OR FIT1048 Foundations of C++	FIT1047 Introduction to computer systems, networks and security	FIT Elective 1	Elective
Second Semester	FIT1049 IT professional practice	Elective	Elective	Elective

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]	FIT2094 Databases [One of FIT1045, FIT1048 or FIT1051]	Elective
Second Semester	FIT2002 IT project management [24pts level 1 study including one of (FIT1040, FIT1045, FIT1048, FIT1051, ENG1003)]	FIT2100 Operating systems [FIT1047 and one of FIT1045, FIT1048 or FIT1051]	FIT Elective 2	Elective

Year 3 (48 credit points)

First Semester	FIT3047 Industry experience studio project 1 [Refer to Handbook]	FIT3173 Software security [One of FIT1045 or FIT1048 or FIT1051]	FIT3165 Computer networks [FIT2100]	Elective
Second Semester	FIT3048 Industry experience studio project 2 [FIT3047]	FIT3031 Information and network security [FIT1047]	FIT2081 Mobile applications development [One of FIT1045 or FIT1048 or FIT1051] OR FIT3142 Distributed computing [FIT2100 and FIT3165]	Elective

Computer Networks and Security Extended major:

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| a) One of (unit not completed above)
FIT2081 Mobile applications development OR
FIT3142 Distributed computing | b) Three of:
FIT3159 Computer architecture
FIT3168 IT forensics
ECE3xxx Information and networks |
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Notes

Credit points	Unless specified, all units are worth 6 credit points Bachelor of Information Technology 24 units x 6 credit points = 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 http://monash.edu/pubs/2016handbooks/courses/index-byfaculty-it.html