BACHELOR OF INFORMATION TECHNOLOGY (C2000) – 2021
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	**FIT1047** Introduction to computer systems, networks and security	**Elective**
Second Semester	**FIT1049** IT professional practice [12 pts FIT study]	**FIT Elective 1**	**Elective**	**Elective**

Year 2 (48 credit points)

First Semester	**FIT2001** Systems development [24pts FIT study]	**FIT2094** Databases [One of FIT1045, FIT1048 or FIT1051]	**FIT Elective 2**	**Elective**
Second Semester	**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**

Year 3 (48 credit points)

First Semester	**FIT3047** Industry experience studio project 1 [Refer to Handbook]	**Software Development unit** (choose from list)	**FIT3175** Usability [FIT1045, FIT1048 or FIT1051]	**Elective**
Second Semester	**FIT3048** Industry experience studio project 2 [FIT3047]	**Software Development unit** (choose from list)	**FIT Elective 3**	**Elective**

Software Development units:

FIT3077 Software engineering: architecture and design	FIT3157 Advanced web design
FIT3134 Entrepreneurship or BEX3411 Entrepreneurship OR BEX3311 Entrepreneurial mindsets and capabilities	FIT3173 Software security
FIT3146 Maker lab	FIT3176 Advanced database design
	FIT3178 iOS app development

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/browse/By%20Faculty/FacultyofInformationTechnology