

Bachelor of Information Technology (C2000) – 2025

Software development major

Year 1 (48 credit points)

First Semester	FIT1045 Introduction to programming	FIT1047 Introduction to computer systems, networks and security	FIT1050 Web fundamentals	Elective
Second Semester	FIT1049 IT professional practice	Elective	FIT1051 Programming fundamentals in java Replace with: FIT1056 Making with artificial intelligence: Software in the AI era	Elective

Year 2 (48 credit points)

First Semester	FIT2094 Databases	FIT2175 Usability	FIT2081 Mobile application development Replace with: FIT2099 Object-oriented design and implementation (S1) OR FIT2133 Software development 2: Object and data modelling (S2)	Elective
Second Semester	FIT2002 IT project management	FIT2001 Systems development	FIT2104 Web database interface Replace with: FIT2095 Full stack development	Elective

Year 3 (48 credit points)

First Semester	FIT3047* Industry experience studio project 1 Replace with: FIT3222 Computing in practice: Project 1	FIT3077 Software engineering: architecture and design	Elective	Elective
Second Semester	FIT3048* Industry experience studio project 2 Replace with (from S2 2027): FIT3223 Computing in practice: Project 2	FIT3184* Cloud computing	FIT3178 iOS app development	Elective

* Industry Based Learning (IBL)

- Students accepted into the IBL program will replace FIT3047 and FIT3048 and FIT3184 with FIT3045 Industry based learning (18 points).
- IBL placements will normally be completed in semester 2 of second year or semester 1 of third year.
- Students completing an IBL placement must overload in one semester OR complete a summer unit in complete the course in 3 years.

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 https://handbook.monash.edu/browse/By%20Faculty/FacultyofInformationTechnology