MONASH University

Course progression map for commencing students

This progression map provides advice on the suitable sequencing of units and guidance on how to plan unit enrolment for each semester of study. It does not substitute for the list of required units as described in the course 'Requirements' section of the Handbook.

C2003 Bachelor of Information Technology and Bachelor of Science

Software development (Major), Biochemistry (Major) and Chemistry (Minor)

	Bachelor of Information Technology		Bachelor of Science	
YEAR 1 Sem 1	FIT1045 Software development 1: Programming foundations	FIT1063 Topics in computing	BIO1011 Blueprints for life	CHM1011 Chemistry 1
YEAR 1 Sem 2	FIT1047 Computing systems 1: Foundations and operations	FIT1060 Human understanding and artificial intelligence navigation	BIO1022 Life on Earth	CHM1022 Chemistry 2
YEAR 2 Sem 1	FIT1050 Web development	FIT2175 User interface design	BCH2011 Structure and function of cellular biomolecules	SCI1000 Science communication to influence change (Can be taken in either semester one or two)
YEAR 2 Sem 2	FIT3200 Inclusive interaction design	FIT2133 Software development 2: Object and data modelling	BCH2022 Metabolic basis of human diseases	One of**: SCI1020, STA1010, MTH1020, MTH1030 or MTH1035, MTH1110 (Can be taken in semester one or two)
YEAR 3 Sem 1	FIT2119 Computing in practice: Professional practice	FIT1062 Data management	BCH3021 Cellular organisation: Organelle structure and function in health and disease	CHM2911 Inorganic and organic chemistry
YEAR 3 Sem 2	FIT2130* Computing in practice: Project practices and management	FIT2095 Full stack development	BCH3042 Cell signal transduction: Role in cancer and human disease	CHM2922 Spectroscopy and analytical chemistry
YEAR 4 Sem1	FIT3222* Computing in practice: Project 1	FIT3146 Makerspace	BCH3031 Functional genomics and molecular medicine	Science elective level 2 or 3
YEAR 4 Sem 2	FIT3223* Computing in practice: Project 2	FIT3178 Mobile app development	BCH3052 Protein biology: From sequence to structure and disease	Science elective level 2 or 3

*Industry Based Learning (IBL) – Information Technology

- Students accepted into the IBL program will replace FIT2130, FIT3222 and FIT3223 with FIT3045 Industry based learning (18 points)
- IBL placements will normally be completed in semester 1 of third year or semester 1 of fourth year.
- Students completing an IBL placement must overload in one semester OR complete a summer unit in order to complete the course in 4 years.

**There are a range of first year mathematics units available. Please refer to the level one science unit guide for additional information.

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