

# Course progression map for 2025 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

### Business Information Systems and Physiology

	Bachelor of Information Technology		Bachelor of Science	
<b>YEAR 1</b> Sem 1	FIT1045 Introduction to programming	FIT1006 Business information analysis	BIO1011 Blueprints for life	CHM1011 Chemistry 1
<b>YEAR 1</b> Sem 2	FIT1047 Introduction to computer systems, networks and security	FIT1051 Programming fundamentals in java	BIO1022 Life on Earth	CHM1022 Chemistry 2
<b>YEAR 2</b> Sem 1	FIT1049 IT professional practice	FIT2081 Mobile applications development	PHY2011 Neuroscience of communication, sensory and control systems	One of SCI1020, STA1010, MTH1020, MTH1030 or MTH1035 (or level one Science elective if already taken as part of another sequence)**
<b>YEAR 2</b> Sem 2	FIT2095 Full stack development	FIT2090 Business information systems and processes	PHY2042 Human physiology: Cardiovascular, respiratory and renal systems	SCI1000 Science communication to influence change (Can be taken in either semester one or two)
<b>YEAR 3</b> Sem 1	FIT2094 Databases	FIT2001 Systems development	PHY3171 Cardiovascular physiology and disease	Science elective level 2 or 3
<b>YEAR 3</b> Sem 2	FIT2002 IT project management	FIT3138* Real time enterprise systems	PHY3072 Exercise physiology	Science elective level 2 or 3
<b>YEAR 4</b> Sem 1	FIT3047* Industry experience studio project 1	FIT3152 Data analytics	PHY3111 Sensory and cognitive neuroscience	Science elective level 2 or 3
<b>YEAR 4</b> Sem 2	FIT3048* Industry experience studio project 2	FIT3158 Business decision models	PHY3012 Integrative neuroscience	Science elective level 2 or 3

\*Industry Based Learning (IBL) – Information Technology

- Students accepted into the IBL program completing the Business information systems major will replace FIT3047 and FIT3048 and FIT3138 with FIT3045 Industry based learning (18 points).
- IBL placements will normally be completed in semester 2 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.