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.

## S2000 Bachelor of Science – major + minor

This sample course map includes;

- a major in Genetics and genomics
- minors in Physiology and Geoscience
- complementary Anatomy & developmental biology and Molecular biology units

The units highlighted in yellow represent some of the units that must be studied to be eligible for Graduate Entry Medicine.

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|---|---|---|---|---|
| YEAR 1 Semester 1 | BIO1011 – Blueprints for life | CHM1011 – Chemistry 1 | One of: SCI1020, STA1010, SCI1022, MTH1020, MTH1030, MTH1035, MTH1110 | EAE1011 – The Earth system: From the core to the atmosphere |
| YEAR 1 Semester 2 | BIO1022 – Life on earth | CHM1022 – Chemistry 2 | SCI1000 Science communication to influence change | EAE1022 – The Earth system: Changing environments & climates |
| YEAR 2 Semester 1 | GEN2041 - Foundations of genetics | PHY2011 – Neuroscience of communication, sensory and control systems | DEV2011 - Early human development from cells to tissues | EAE2051 - Introduction to the formation and evolution of planets |
| YEAR 2 Semester 2 | GEN2052 - Genomics and population genetics | PHY2032 – Human physiology: Hormonal and digestive systems | DEV2022 - Human anatomy and development: Tissues and body systems | EAE2511 - Deep earth processes |
| YEAR 3 Semester 1 | GEN3040 - Genomics and its applications | GEN3051 - Medical and forensic genetics | PHY3181 – Reproductive physiology | MCB2011 - Microbiology foundations and global applications |
| YEAR 3 Semester 2 | GEN3030 - Molecular, cellular and developmental genetics | BIO2010 - Data science for biologists | PHY2042 – Human physiology: Cardiovascular, respiratory and renal systems | PHY2042 – Human physiology: Cardiovascular, respiratory and renal systems |

*Please use this course progression map as a guide.

| | |
|---|---|
| A | Science listed major |
| B | Science listed minor |
| C | Free elective or major study |
| D | Compulsory unit |

Source: *Monash University Handbook*
*CRICOS Provider Number: 00008C*

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