D0501 Diploma of Higher Education
Science stream

D0501 Handbook entry: refer to the Handbook for 2027 course and unit information (previous versions of course and unit information can be accessed by using the 'year switcher' button).

Pathways to Monash degrees

If you pass all units in the Diploma of Higher Education - Science stream on the first (and only) attempt and achieve a minimum weighted average mark of 60% in the diploma, you will be eligible to enrol in a Bachelor of Science, a Bachelor of Education (Honours) in Primary Education and Bachelor of Science, or a Bachelor of Education (Honours) in Secondary Education and Bachelor of Science and will receive credit for up to 48 cp for units passed in the diploma.

Stream		Campus	Mode	Duration
Science		Clayton	On-campus	1 year
Sem	**Core units**	**Science units**		
1	EDF1010 Learning in a university context (6 cp)	Mathematics unit (see note 1) (6 cp)	Level 1 approved science sequence (see note 2) (6 cp)	Level 1 approved science sequence (see note 2) (6 cp)
2	EDF1011 Knowledge and context (6 cp)	SCI1000 Science communication to influence change (6 cp)	Level 1 approved science sequence (see note 2) (6 cp)	Level 1 approved science sequence (see note 2) (6 cp)

Notes

- Credit of up to 48 cp dependent on choice of major.
- You are required to complete six level 1 science units as follows:

1. One of the following mathematics units (6 cp)
   - MTH1010 Functions and their applications (unless the equivalent Year 12 studies have already been completed to an appropriate standard)
   - MTH1020 Analysis of change
   - MTH1030 Techniques for modelling
   - MTH1110 Foundations of mathematics
   - SCI1020 Introduction to statistical reasoning
   - SCI1022 Introduction to scientific coding
   - STA1010 Statistical methods for science

2. You are required to complete four level one units (24 cp) from the Faculty of Science, comprising a level one approved sequence in two of the following areas:

Biological sciences

One pair of:
- BIO1011 Blueprints for life and BIO1022 Life on Earth
- BIO1011 Blueprints for life and BIO1042 Life in the environment

Chemistry
- CHM1011 Chemistry 1 and CHM1022 Chemistry 2*

Computational science
- FIT1045 Algorithms and programming fundamentals in python and MAT1830 Discrete mathematics for computer science

Earth, atmosphere and environment
- EAE1011 Earth, atmosphere and environment 1 and EAE1022 Earth, atmosphere and environment 2

Physics
- PHS1001 Foundation physics and PHS1002 Physics for engineering**

*Students who have achieved excellent results in Units 3 and 4 VCE Chemistry can enquire about advanced options.
**Students should choose the most suitable mathematics unit based on their mathematics background (VCE or equivalent).

Additional requirements

- Applicants to the Bachelor of Education (Honours) in Primary and Bachelor of Education (Honours) in Secondary Education double degree courses must sit a Situational Judgement test to be eligible for entry into the course. The Situational Judgement test is a requirement for many of the initial teacher education courses in Victoria. It is an online test designed to assess an applicant's personal and professional attributes. For more information in the test type options visit the Situational Judgement test website.
- Once enrolled in a Bachelor of Education (Honours) in Primary or Bachelor of Education (Honours) in Secondary Education double degree course, you will be required to achieve the standard in the Literacy and Numeracy Test for Initial Teacher Education Students. The Faculty of Education's LANTITE page has more information on this test.
- Extended majors are not available in the double degree.