D0501 Diploma of Higher Education
Science stream - Clayton

D0501 Handbook entry: refer to the Handbook for authorised course and unit information.

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 will be eligible to enrol in a Bachelor of Science or Bachelor of Education (Honours)/Bachelor of Science (specialising in either Primary or Secondary education) and will receive credit for up to 48 points 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	Mathematics unit (see note 1)	Level 1 approved science sequence (see note 3)	Level 1 approved science sequence (see note 3)
2	EDF1011 Knowledge and context	Science unit level 1 (see note 2)	Level 1 approved science sequence (see note 3)	Level 1 approved science sequence (see note 3)

Notes

You are required to complete six level 1 science units as follows:
1. One of the following mathematics units (6 points)

- 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
- SCI1020 Introduction to statistical reasoning
- SCI1022 Introduction to scientific coding
- STA1010 Statistical methods for science

2. Any additional level 1 unit required to take the total level 1 science listed units to 36 credit points. Level 1 science listed units are chosen from units listed under any major, extended major or minor offered in the Bachelor of Science or from the following:

- SCI1200 Humans, evolution and modern society
- SCI1300 Climate change: From science to society

3. You are required to complete four level one units (24 points) 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 FIT1008 Introduction to 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 considering completing physics in their destination degree should complete MTH1030 Techniques for modelling. Students who have not met the VCE entry requirements for MTH1030 must also complete MTH1020 Analysis of change.

Additional requirements

You are required to achieve the standard in the CASPer test prior to gaining admission to the Bachelor of Education (Honours). For more information, please visit http://monash.edu/education/caspertest. Once enrolled in the BEd(Hons), you will be required to achieve the standard in the Literacy and Numeracy Test for Initial Teacher Education Students. See D3001 for more information.