UNIVERSITY OF CANBERRA

Diploma of Science (192JA.2)

Please note these are the 2024 details for this course

Domestic students

Selection rank	50 **Note:** The selection rank is the minimum ATAR plus adjustment factors required for admission to the program in the previous year. This is an indicative guide only as ranks change each year depending on demand.
Delivery mode	On campus
Location	UC College, Bruce, ACT
Duration	1.0 years
Faculty	Faculty of Science and Technology
Discipline	Academic Program Area - Science
UAC code	360030
English language requirements	An overall IELTS Academic score (or equivalent) of 5.5, with no band score below 5.5. Students who have undertaken all of their education in an English speaking country (as defined on UC website) are deemed to have met our English language proficiency requirements. View IELTS equivalences

International students

Academic entry requirements	To study at UC, you'll need to meet our academic entry requirements and any admission requirements

	specific to your course. Please read your course admission requirements below. To find out whether you meet UC's academic entry requirements, visit our academic entry requirements page. View UC's academic entry requirements
Delivery mode	On campus
Location	UC College, Bruce, ACT
Duration	1.0 years
Faculty	Faculty of Science and Technology
Discipline	Academic Program Area - Science
CRICOS code	074935G
English language requirements	An overall IELTS Academic score (or equivalent) of 5.5, with no band score below 5.5. Students who have undertaken all of their education in an English speaking country (as defined on UC website) are deemed to have met our English language proficiency requirements. View IELTS equivalences

About this course

The perfect introduction to a career in science

Our Diploma of Science is an inspiring introduction to all areas of science. You will develop knowledge and skills that equip you with confidence in the laboratory and prepare you for further science study.

Study a Diploma of Science at UC and you will:

- gain a broad understanding of all areas of science
- learn the practical skills and knowledge needed for laboratory careers
- develop independent study skills
- build your communication skills, and
- cover biology, chemistry, physical science, mathematics and English communication.

Study opportunities

When you finish you will get 18 credit points to enter the following science related degrees:

- Bachelor of Science
- Bachelor of Science (Environmental Science)
- Bachelor of Science (Biomedical Science)

Note: you will automatically receive 18 credit points, which minimises the amount of study you will have to complete in your undergraduate course. However, this amount of credit impacts your ability to undertake a Breadth Major, should this be something you are interested in pursuing. There is no right or wrong way to use your UCC Diploma credit, but you should seek course advice during Professional Orientation (11718) to ensure your priorities for your study are met.

For students intending to enter:

- Bachelor of Medical Science

when you finish, you will get 9 credit points.

Note: UC College courses fees may differ – please visit our Course Fees page for more information.

Professional accreditation

None.

Admission requirements

Normal UC requirements for admission to an undergraduate course.

Assumed knowledge

None.

Periods course is open for new admissions

Year	Location	Teaching period	Teaching start date	Domestic	International
2025	UC College, Bruce, ACT	UC College Trimester 1	03 February 2025	✓	✓
2025	UC College, Bruce, ACT	Semester 2	28 July 2025	✓	✓
2026	UC College, Bruce, ACT	UC College Trimester 1	02 March 2026	✓	✓
2026	UC College, Bruce, ACT	Semester 2	10 August 2026	✓	✓
2027	UC College, Bruce, ACT	UC College Trimester 1	01 March 2027	✓	✓

2027	UC College, Bruce, ACT	Semester 2	09 August 2027	✓	✓

Credit arrangements

There are currently no formal credit transfer arrangements for entry to this course. Any previous study or work experience will only be considered as part of the application process in accordance with current course rules and university policy.

Course requirements

Diploma of Science (192JA) | 24 credit points

Required - Must pass 24 credit points as follows

Expand All | Collapse All

Biology 1 (8772) | 3 credit points — Level 1

Chemistry 1 (8773) | 3 credit points — Level 1

Introduction to Biology (8774) | 3 credit points — Level 1

Introduction to Chemistry (8775) | 3 credit points — Level 1

Introduction to Physical Science and Maths (8776) | 3 credit points — Level 1

Analytical Skills in Science (9421) | 3 credit points — Level 1

Academic English (9487) | 3 credit points — Level 1

Professional Orientation (Science) (11718) | 3 credit points — Level 1

In addition to course requirements, in order to successfully complete your course you must meet the inherent requirements. Please refer to the inherent requirements statement applicable to your course

Typical study pattern

UC - Canberra, Bruce

Standard Full Time, Semester 1 Commencing

Year 1

Semester 1

Academic English (9487)

Introduction to Biology (8774)

Introduction to Chemistry (8775)

Introduction to Physical Science and Maths (8776)

Semester 2

Analytical Skills in Science (9421)

Biology 1 (8772)

Chemistry 1 (8773)

Professional Orientation (Science) (11718)

Standard Part Time, Semester 1 Commencing

Year 1

Semester 1

Academic English (9487)

Introduction to Biology (8774)

Semester 2

Analytical Skills in Science (9421)

Biology 1 (8772)

Year 2

Semester 1

Introduction to Chemistry (8775)

Introduction to Physical Science and Maths (8776)

Semester 2

Chemistry 1 (8773)

Professional Orientation (Science) (11718)

Course information

Course duration

Standard 1 year full time or part-time equivalent. Maximum 4 years from date of enrolment to date of course completion.

Learning outcomes

Learning outcomes	Related graduate attributes

Students will gain an understanding of fundamental concepts in biology, chemistry, physics and maths and how to apply this knowledge in novel settings.	UC graduates are professional: Employ up-to-date and relevant knowledge and skills; communicate effectively; use creativity, critical thinking, analysis and research skills to solve theoretical and real-world problems; work collaboratively as part of a team, negotiate, and resolve conflict; display initiative and drive, and use their organisational skills to plan and manage their workload. UC graduates are global citizens: Adopt an informed and balanced approach across professional and international boundaries; communicate effectively in diverse cultural and social settings; make creative use of technology in their learning and professional lives; behave ethically and sustainably in their professional and personal lives. UC graduates are lifelong learners: Reflect on their own practice, updating and adapting their knowledge and skills for continual professional and academic development; be self-aware; adapt to complexity, ambiguity and change by being flexible and keen to engage with new ideas.
Students will gain skills in science investigations and the analysis of scientific data, apply appropriate problem solving processes, arguments and critical thinking, and apply solid research methods when collecting scientific data.	UC graduates are professional: Employ up-to-date and relevant knowledge and skills; communicate effectively; use creativity, critical thinking, analysis and research skills to solve theoretical and real-world problems; work collaboratively as part of a team, negotiate, and resolve conflict; display initiative and drive, and use their organisational skills to plan and manage their workload; take pride in their professional and personal integrity. UC graduates are global citizens: Think globally about issues in their profession; adopt an informed and balanced approach across professional and international boundaries; communicate effectively in diverse cultural and social settings; make creative use of technology in their learning and professional lives; behave ethically and sustainably in their professional and personal lives. UC graduates are lifelong learners: Reflect on their own practice, updating and adapting their knowledge and skills for continual professional and academic development; be self-aware; adapt to complexity, ambiguity and change by being flexible and keen to engage with new ideas.
Students will gain skills in the use of English, both written and verbal, (as it relates to a field of	UC graduates are professional: Employ up-to-date and relevant knowledge and skills; communicate effectively; use creativity, critical thinking, analysis

science), express knowledge, ideas and opinions, both orally and in written form, present arguments and ideas effectively, and actively listen to and respond to the ideas of others.	and research skills to solve theoretical and real-world problems; work collaboratively as part of a team, negotiate, and resolve conflict; display initiative and drive, and use their organisational skills to plan and manage their workload; take pride in their professional and personal integrity. UC graduates are global citizens: Adopt an informed and balanced approach across professional and international boundaries; communicate effectively in diverse cultural and social settings; make creative use of technology in their learning and professional lives; behave ethically and sustainably in their professional and personal lives. UC graduates are lifelong learners: Reflect on their own practice, updating and adapting their knowledge and skills for continual professional and academic development; be self-aware; adapt to complexity, ambiguity and change by being flexible and keen to engage with new ideas. UC graduates are able to demonstrate Aboriginal and Torres Strait Islander ways of knowing, being and doing: Use local Indigenous histories and traditional ecological knowledge to develop and augment understanding of their discipline.
Students will develop skills in studying at a tertiary level including the capacity to work effectively in groups. a) Plan, organise and work independently; b) Plan, organise and work within teams; c) Develop an appreciation of the social and cultural context of the profession.	UC graduates are professional: Employ up-to-date and relevant knowledge and skills; communicate effectively; use creativity, critical thinking, analysis and research skills to solve theoretical and real-world problems; display initiative and drive, and use their organisational skills to plan and manage their workload; take pride in their professional and personal integrity. UC graduates are global citizens: Communicate effectively in diverse cultural and social settings; make creative use of technology in their learning and professional lives; behave ethically and sustainably in their professional and personal lives. UC graduates are lifelong learners: Reflect on their own practice, updating and adapting their knowledge and skills for continual professional and academic development; be self-aware.

Awards

Award	Official abbreviation

Diploma of Science	Dip Sc

Honours

None.

Alternative exits

Students who complete this course may gain 12 credit points of advanced standing towards any Science degree at UC.

Enquiries

Student category	Contact details
Current and Commencing Students	Please contact University of Canberra College, Phone +61 2 6201 2961 or Email ucc.studentservices@canberra.edu.au
Prospective Domestic Students	Email study@canberra.edu.au or Phone 1800 UNI CAN (1800 864 226)
Prospective International Students	Email international@canberra.edu.au or Phone +61 2 6201 5342

Download your course guide

Scholarships

Find the scholarship that's the right fit for you

Explore Scholarships

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University of Canberra, Bruce ACT 2617 Australia

+61 2 6201 5111

ABN 81 633 873 422

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UC acknowledges the Ngunnawal people, traditional custodians of the lands where Bruce campus is situated. We wish to acknowledge and respect their continuing culture and the contribution they make to the life of Canberra and the region. We also acknowledge all other First Nations Peoples on whose lands we gather.