

Bachelor of Applied Science in Forensic Studies

(142JA.2)

Please note these are the 2017 details for this course

Domestic students

Selection rank 68.00

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

Duration 3.0 years

Faculty Faculty of Science and Technology

Discipline Academic Program Area - Science

UAC code

English language requirements An IELTS Academic score of 6.0 overall, with no band score below 6.0 (or equivalent).

[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	
Duration	3.0 years
Faculty	Faculty of Science and Technology
Discipline	Academic Program Area - Science
CRICOS code	071069B
English language requirements	An IELTS Academic score of 6.0 overall, with no band score below 6.0 (or equivalent). View IELTS equivalences

About this course

Join the world's best forensic scientists right here in Australia

Australian practitioners have been involved in resolving human tragedies such as the Victorian bushfires (2009), the Indian Ocean tsunami (2004), and the Bali bombings (2002 & 2005).

At the University of Canberra we specialise in the laboratory-based areas of forensic biology and forensic chemistry. The course is aimed at those who want to pursue a career in forensic science as a laboratory scientist. Forensic science subjects are taken throughout the course to provide the necessary specialisation and complement the broader laboratory science/human science aspects of the degree. You will use analytical techniques to examine evidence and work collaboratively on forensic case studies.

As a University of Canberra qualified Australian practitioner you will have an outstanding reputation.

Study a Bachelor of Applied Science in Forensic Studies at UC and you will:

- collect and examine trace evidence

- master environmental forensic science
- investigate toxicology
- understand forensic statistics
- specialize in chemical and biological analysis
- interpret and report on analytical results.

Career Opportunities

- Laboratory scientist
- Government health departments
- Australian Federal Police

Course specific information

It is assumed that applicants will have knowledge in the following areas:

- ACT: Biology and/or Chemistry major(s), plus Mathematical Methods
- NSW: Biology and/or Chemistry, plus Mathematics
- VIC: VCE Units 3 and 4 Biology and/or Chemistry, plus VCE Units 3 and 4 Mathematical Methods.

Admission requirements

Applicants must meet normal University requirements for admission to an undergraduate course or hold qualifications deemed to be equivalent.

Assumed knowledge

ACT: Biology and/or Chemistry major(s), plus Mathematical Methods major. NSW: Biology and/or Chemistry, plus Mathematics. VIC: VCE Units 3 and 4 Biology and/or Chemistry, plus VCE Units 3 and 4 Mathematical Methods.

Periods course is open for new admissions

This course is not open for new admissions.

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

Bachelor of Applied Science in Forensic Studies (142JA) | 72 credit points

Location - UC Canberra - Bruce Campus Campus

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Required - 72 credit points as follows

Major in Forensic Chemistry (MJ0042) | 21 or 24 credit points

For the 21cp Major - Must pass 21 credit points as follows

Chemistry 1a (1516) | 3 credit points – Level 1

Chemistry 1b (1517) | 3 credit points – Level 1

Data Analysis in Science (1809) | 3 credit points – Level 1

Analytical Chemistry (8043) | 3 credit points – Level 2

Introduction to Pharmacology and Toxicology (8342) | 3 credit points – Level 3

Forensic Chemistry (8376) | 3 credit points – Level 3

Forensic Toxicology and Drug Analysis (8780) | 3 credit points – Level 3

For the 24cp Major - Must pass 24 credit points as follows

Chemistry 1a (1516) | 3 credit points – Level 1

Chemistry 1b (1517) | 3 credit points – Level 1

Data Analysis in Science (1809) | 3 credit points – Level 1

Analytical Chemistry (8043) | 3 credit points – Level 2

Environmental Forensic Science (8248) | 3 credit points – Level 3

Introduction to Pharmacology and Toxicology (8342) | 3 credit points – Level 3

Forensic Chemistry (8376) | 3 credit points – Level 3

Forensic Toxicology and Drug Analysis (8780) | 3 credit points – Level 3

Major in Forensic Biology (MJ0043) | 21 or 24 credit points

For the 21cp Major - Must pass 21 credit points as follows

Restricted Choice - Must pass 6 credit points from the following

Introduction to Microbiology (6510) | 3 credit points – Level 2

Forensic Biology (8379) | 3 credit points – Level 3

Population Genetics (8675) | 3 credit points – Level 3

Environmental and Forensic Genetics (10001) | 3 credit points – Level 3

Required - Must pass 15 credit points as follows

Concepts in Biology (483) | 3 credit points – Level 1

Human Biochemistry (6518) | 3 credit points – Level 2

Biochemistry (6530) | 3 credit points – Level 2

Biosecurity and Microbial Forensics (8665) | 3 credit points – Level 3

For the 24cp Major - Must pass 24 credit points as follows

Restricted Choice - Must pass 6 credit points from the following

Introduction to Microbiology (6510) | 3 credit points – Level 2

Forensic Biology (8379) | 3 credit points – Level 3

Population Genetics (8675) | 3 credit points – Level 3

Environmental and Forensic Genetics (10001) | 3 credit points – Level 3

Required - Must pass 18 credit points as follows

Concepts in Biology (483) | 3 credit points – Level 1

Human Biochemistry (6518) | 3 credit points – Level 2

Biochemistry (6530) | 3 credit points – Level 2

Molecular and Cellular Biology (8375) | 3 credit points – Level 2

Biosecurity and Microbial Forensics (8665) | 3 credit points – Level 3

Note:

- 8379 and 8675 have been replaced by 6510 and 10001 from the beginning of 2016. Students who have completed only one of the closed units should talk to the Course Convener for advice.

Required Units - Must pass 12 credit points as follows

Communication in Science (4732) | 3 credit points – Level 1

Introduction to Microbiology (6510) | 3 credit points – Level 2

Systemic Anatomy and Physiology (6529) | 3 credit points – Level 1

Regional Anatomy and Physiology (9808) | 3 credit points – Level 1

Minor in Forensic Science (MN0150) | 12 credit points

Required - Must pass 6 credit points as follows

Forensic Science 1 (8778) | 3 credit points – Level 1

Forensic Science 2 (8779) | 3 credit points – Level 2

Restricted Choice - Must pass 6 credit points from the following

Law and Society (6599) | 3 credit points – Level 1

Legal Systems (6602) | 3 credit points – Level 1

Criminal Law and Procedure (7025) | 3 credit points – Level 3

Cybercrime (7026) | 3 credit points – Level 2

Evidence Law (7030) | 3 credit points – Level 3

Forensic Statistics (7904) | 3 credit points – Level 2

Mental Health and the Law (8055) | 3 credit points – Level 2

Forensic Evidence and the Law (8064) | 3 credit points – Level 3

Introduction to Forensic Psychology (8831) | 3 credit points – Level 2

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

Chemistry 1a (1516)

Concepts in Biology (483)

Forensic Science 1 (8778)

Regional Anatomy and Physiology (9808)

Semester 2

Chemistry 1b (1517)

Communication in Science (4732)

Data Analysis in Science (1809)

Systemic Anatomy and Physiology (6529)

Year 2

Semester 1

Biochemistry (6530)

Forensic Science 2 (8779)

Forensic Statistics (7904)

Semester 2

Analytical Chemistry (8043)

Human Biochemistry (6518)

Introduction to Microbiology (6510)

Molecular and Cellular Biology (8375)

Year 3

Semester 1

Environmental Forensic Science (8248)

Forensic Chemistry (8376)

Introduction to Pharmacology and Toxicology (8342)

Population Genetics (8675)

Semester 2

Biosecurity and Microbial Forensics (8665)

Forensic Biology (8379)

Forensic Toxicology and Drug Analysis (8780)

MN0150 Restricted Choice Unit

Course information

Course duration

Standard six semesters full-time or equivalent. Maximum twenty semesters.

Learning outcomes

Learning outcomes	Related graduate attributes
Graduates will be able to demonstrate a broad and coherent theoretical and technical knowledge with depth in forensic science or the application of science to legal matters. AQF: Knowledge.	Graduates will have developed the following skills and attributes:

	<ol style="list-style-type: none"> 1. The ability to present knowledge, ideas and opinions effectively to the legal community and communicate within and across professional and cultural boundaries; 2. The ability to gather scientific information, and to analyse and evaluate that information in a systematic way; 3. The ability to apply problem-solving processes in novel situations; to identify and analyse problems then formulate and implement solutions; 4. The ability to plan their own work, be self-directed, and use interpersonal skills and attitudes to work collaboratively; 5. The capacity and intention to use professional knowledge and skills ethically and responsibly, for the benefit of the legal community and for the administration of justice.
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Graduates will have well-developed cognitive, technical and communication skills to select and apply methods and technologies to:

- analyse and evaluate information to complete a range of activities in the field of forensic science;
- analyse, generate and transmit scientific solutions to unpredictable and sometimes complex legal problems;
- transmit knowledge, skills and ideas to those involved in the legal system including judges and juries.

AQF: Knowledge, Skills and Application of knowledge and skills.

As above.

<p>Graduates will be able to apply knowledge and skills to demonstrate autonomy, well-developed judgement of knowledge and responsibility:</p> <ul style="list-style-type: none"> - for problem solving and decision making in professional practice; - in contexts that are unfamiliar and require self-directed work and learning; - to provide specialist scientific advice with respect to legal matters. <p>AQF: Application of knowledge and skills.</p>	<p>As above.</p>
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Majors

- [Minor in Forensic Science \(MN0150\)](#)
- [Major in Forensic Biology \(MJ0043\)](#)
- [Major in Forensic Chemistry \(MJ0042\)](#)

Awards

Award	Official abbreviation
Bachelor of Applied Science in Forensic Studies	BAppSc ForSc

Honours

Higher performing students, on completion of this course, will have the opportunity to undertake an Honours year.

Enquiries

Student category	Contact details
Prospective 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
Bruce Current and Commencing Students	Please contact the University Student Centre by Email student.centre@canberra.edu.au or Phone 1300 301 727
Moorabbin Current and Commencing Students	Email UC.enquiry@canberra.edu.au

Download your course guide



Scholarships

Find the scholarship that's the right fit for you

[Explore Scholarships](#)

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CRICOS 00212K

TEQSA Provider ID: PRV12003 (Australian University)

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.