

# Bachelor of Pharmacy (250JA.1)

Please note these are the 2021 details for this course

## Domestic students

Selection rank	80
	<b>Note:</b> 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	
Location	Bruce, Canberra
Duration	4.0 years
Faculty	Faculty of Health
Discipline	Discipline of Pharmacy
UAC code	
English language requirements	<p>There are non-standard English language requirements for this course. To be eligible you must have an overall IELTS Academic score (or equivalent) of 7.0, with no band score below 7.0. For alternate/equivalent ways of meeting the English requirements for this course please view the English Proficiency Requirements document on the university website.</p> <p><a href="#">View IELTS equivalences</a></p>

## International students

Academic entry	
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<b>requirements</b>	<p>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.</p> <p><a href="#">View UC's academic entry requirements</a></p>
<b>Delivery mode</b>	
<b>Location</b>	Bruce, Canberra
<b>Duration</b>	4.0 years
<b>Faculty</b>	Faculty of Health
<b>Discipline</b>	Discipline of Pharmacy
<b>CRICOS code</b>	076967E
<b>English language requirements</b>	<p>There are non-standard English language requirements for this course. To be eligible you must have an overall IELTS Academic score (or equivalent) of 7.0, with no band score below 7.0. For alternate/equivalent ways of meeting the English requirements for this course please view the English Proficiency Requirements document on the university website.</p> <p><a href="#">View IELTS equivalences</a></p>

# About this course

## Becoming a medication specialist starts here

If you're interested in a career as a medication specialist, then the UC Bachelor of Pharmacy course will equip you with the skills, knowledge, experience, and qualifications required to become an official Australian registered pharmacist.

This four-year, full-time course teaches the science behind the practical preparation of drugs and medicines to treat injuries, illnesses, and deficiencies - and explores how to apply evidence-based knowledge, research, and scientific theory to the clinical reasoning, treatment, and evaluation of patients.

Accredited by the Australia Pharmacy Council (APC) this course offers graduates the opportunity to move into a variety of career options or continue with additional academic study.

If you're looking for a well-paid, fulfilling career helping others - then register for the UC Bachelor of Pharmacy course now.

## Study a Bachelor of Pharmacy at UC and you will:

- be educated in the theoretical, technical, written, practical and clinical components of pharmacy
- explore the science behind the preparation of drugs and medicines
- learn how to prepare a wide range of drugs and medicines
- understand how the human body reacts to certain medications acquire and apply clinical reasoning, treatment and evaluation skills to life sciences
- combine theory with hands-on experience in practical laboratory classes and clinical placements.
- gain the necessary knowledge, exposure, attitudes and clinical decision-making skills required to practice as a pharmacist achieve a globally recognised accreditation.

## Work Integrated Learning (WIL)

WIL is an essential component of the UC Bachelor of Pharmacy course and allows students the opportunity to gain hands-on experience while building industry relationships under the expert support and guidance of university mentors. As part of this course, each student will have the opportunity to participate in multiple 2-week placements that take place over the winter semesters at metropolitan, rural or regional community and hospital pharmacies. Some students choose to do these placements overseas.

Students will also get to participate in several half days or full day work placements throughout each of the teaching semesters.

## Career opportunities

A registered UC Bachelor of Pharmacy graduate is an important component of any healthcare team as they can assess a variety of medical ailments and possess the knowledge to recommend a range of drugs and medicines to help resolve or manage multiple medical issues.

Also, as the global aging population continues to grow, the demand for qualified pharmacy graduates capable of offering additional services such as asthma care, blood pressure monitoring, and more is expected to increase.

In addition, each UC Bachelor of Pharmacy graduate leaves UC with a comprehensive list of industry and stakeholder contacts and should have no problem moving into positions in the following areas:

- as a practicing pharmacist, working in a community or a hospital pharmacy
- as a regulator within the government and broader pharmaceutical industry.

## Course-specific information

Accredited by the Australian Pharmacy Council (APC) you will be required to undertake onsite clinical placements as part of this University of Canberra Bachelor of Pharmacy course.

To comply with government health and security regulations, all participants of this course will need to be fully vaccinated and pass a police check

To become a registered pharmacist, UC graduates are also required to complete one year of supervised internship practice and pass the Australian Pharmacy Board examinations.

## Professional accreditation

The University of Canberra Bachelor of Pharmacy course has been accredited by the Australian Pharmacy Council (APC).

# Admission requirements

Admission to this course is based on an entrance rank. A rank can be achieved by the following means:

- Year 12 ATAR
- other Australian Qualification
- work experience
- overseas qualification

We also offer a number of entry initiatives that give you the opportunity to gain entry to the University via alternate pathway programs and admissions schemes.

More information is available on our Alternative Entry page: <http://www.canberra.edu.au/future-students/applications/apply-now/alternative-entry>

## Additional admission requirements

All students in the Bachelor of Pharmacy course are required to complete clinical practice placement in blocks of time, often outside of teaching time. These clinical practice placements are essential to the program. Prior to commencing clinical practice, all students need to present a complete immunisation schedule as a requirement of the ACT and NSW health departments. All students are required to undergo an Australian Federal Police Record check prior to undertaking clinical placement in the ACT, and a NSW Police check before undertaking placement in NSW.

All pharmacy students will be registered as students with the Pharmacy Board of Australia after admission to the Bachelor of Pharmacy course

## Assumed knowledge

ACT: Mathematical Methods major and either Biology or Human Movement major(s); and Chemistry or Physics major(s). NSW: Mathematics and either Biology or Human Movement, and Physics or Chemistry.

## 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 Pharmacy (250JA) | 96 credit points

## Required - 84 credit points as follows

[Expand All](#) | [Collapse All](#)

### Major in Pharmacotherapeutics (MJ0222) | 24 credit points

#### Required - Must pass 24 credit points as follows

Essential Pharmacology (9002) | 3 credit points — Level 2

Clinical Therapeutics 1 (9003) | 3 credit points — Level 3

Systems Pharmacology 1 (9005) | 3 credit points — Level 3

Clinical Therapeutics 2 (9006) | 3 credit points — Level 3

Systems Pharmacology 2 (9008) | 3 credit points — Level 3

Clinical Therapeutics 3 (9009) | 3 credit points — Level 4

Clinical Therapeutics 4 (9010) | 3 credit points — Level 4

Systems Pharmacology 3 (9013) | 3 credit points — Level 4

### Major in Pharmacy Practice (Restricted) (MJ0223) | 24 credit points

#### Required - Must pass 24 credit points as follows

Health and Pharmacy (8996) | 3 credit points — Level 1

Professional Practice in Health (8997) | 3 credit points — Level 1

Evidence Based Medicine 1 (8999) | 3 credit points — Level 2

Evidence Based Medicine 2 (9001) | 3 credit points — Level 2

Pharmacy Practice 1 (9004) | 3 credit points — Level 3

Pharmacy Practice 2 (9007) | 3 credit points — Level 3

Pharmacy Practice 3 (9011) | 3 credit points — Level 4

Pharmacy Practice 4 (9012) | 3 credit points — Level 4

### Required Units - Must pass 36 credit points as follows

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

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

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

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

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

Biochemistry (6530) | 3 credit points — Level 2

Drug Formulation Science (8341) | 3 credit points — Level 2

Dispensary and Logistics (8998) | 3 credit points — Level 2

Biopharmaceutics and Advanced Formulations (9000) | 3 credit points — Level 2

[Quality Use of Medicines \(9014\) | 3 credit points – Level 4](#)

[Regional Anatomy and Physiology \(9808\) | 3 credit points – Level 1](#)

[Foundations of Psychology \(10444\) | 3 credit points – Level 1](#)

- From S2 2020 unit 4310 Psychology 102 has been replaced by 10444 Foundations of Psychology. Students who have passed 4310 do not need to pass 10444.

## **Restricted Choice - Must select 1 of the following**

### **Option 1 - Must pass 12 credit points as follows**

#### **Open Electives - 12 credit points as follows**

- In choosing electives students should note that no more than 30 credit points at Level 1 is permitted for the entire course.

- Students are encouraged to broaden their study by taking units from other faculties and disciplines.

Note:

- Must pass 12 credit points from anywhere in the University, as a Minor or as individual units.

Note:

- Option 1 is for Professional Stream students.

### **Option 2 - Must pass 12 credit points as follows**

[Pharmacy Honours - Research \(9122\) | 3 credit points – Level 4](#)

[Pharmacy Honours - Preparatory \(9123\) | 3 credit points – Level 4](#)

[Pharmacy Honours - Design \(9124\) | 3 credit points – Level 4](#)

[Pharmacy Honours - Thesis \(9125\) | 3 credit points – Level 4](#)

Note:

- Option 2 is for Honours students.

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, Honours Stream

## **Year 1**

### **Semester 1**

Chemistry 1a (1516)

Concepts in Biology (483)

Health and Pharmacy (8996)

Regional Anatomy and Physiology (9808)

### **Semester 2**

Chemistry 1b (1517)

Foundations of Psychology (10444)

Professional Practice in Health (8997)

Systemic Anatomy and Physiology (6529)

## **Year 2**

### **Semester 1**

Biochemistry (6530)

Dispensary and Logistics (8998)

Drug Formulation Science (8341)

Evidence Based Medicine 1 (8999)

### **Semester 2**

Biopharmaceutics and Advanced Formulations (9000)

Essential Pharmacology (9002)

Evidence Based Medicine 2 (9001)

Introduction to Microbiology (6510)

## **Year 3**

### **Semester 1**

Clinical Therapeutics 1 (9003)

Pharmacy Honours - Preparatory (9123)

Pharmacy Practice 1 (9004)

Systems Pharmacology 1 (9005)

### **Semester 2**

Clinical Therapeutics 2 (9006)

Pharmacy Honours - Design (9124)

Pharmacy Practice 2 (9007)

Systems Pharmacology 2 (9008)

#### **Year 4**

##### **Semester 1**

Clinical Therapeutics 3 (9009)

Pharmacy Honours - Research (9122)

Pharmacy Practice 3 (9011)

Systems Pharmacology 3 (9013)

##### **Semester 2**

Clinical Therapeutics 4 (9010)

Pharmacy Honours - Thesis (9125)

Pharmacy Practice 4 (9012)

Quality Use of Medicines (9014)

## **Standard Full Time, Semester 1 Commencing, Professional Stream**

#### **Year 1**

##### **Semester 1**

Chemistry 1a (1516)

Concepts in Biology (483)

Health and Pharmacy (8996)

Regional Anatomy and Physiology (9808)

##### **Semester 2**

Chemistry 1b (1517)

Foundations of Psychology (10444)

Professional Practice in Health (8997)

Systemic Anatomy and Physiology (6529)

#### **Year 2**

##### **Semester 1**

Biochemistry (6530)

Dispensary and Logistics (8998)



Drug Formulation Science (8341)

Evidence Based Medicine 1 (8999)

**Semester 2**

Biopharmaceutics and Advanced Formulations (9000)

Essential Pharmacology (9002)

Evidence Based Medicine 2 (9001)

Introduction to Microbiology (6510)

**Year 3**

**Semester 1**

Clinical Therapeutics 1 (9003)

Pharmacy Practice 1 (9004)

Systems Pharmacology 1 (9005)

Open Elective Unit

**Semester 2**

Clinical Therapeutics 2 (9006)

Pharmacy Practice 2 (9007)

Systems Pharmacology 2 (9008)

Open Elective Unit

**Year 4**

**Semester 1**

Clinical Therapeutics 3 (9009)

Pharmacy Practice 3 (9011)

Systems Pharmacology 3 (9013)

Open Elective Unit

**Semester 2**

Clinical Therapeutics 4 (9010)

Pharmacy Practice 4 (9012)

Quality Use of Medicines (9014)

Open Elective Unit

# Course information

## Course duration

Standard eight semesters full-time. Maximum twenty semesters. This course is available for full-time enrolment only.

## Learning outcomes

Learning outcomes	Related graduate attributes
Knowledge and critical understanding of essential facts, concepts, principles and theories relating to the items in the Indicative Curriculum as required by the Australian Pharmacy Council's Accreditation Committee.	Analysis and enquiry
Ability to apply knowledge and understanding to meet the needs of patients and other health care professionals	Analysis and enquiry
	Professionalism and social responsibility
	Communication
	Working independently and with others
	Problem Solving
	Personal attributes: critical thinking, reflective practice, thriving in an environment of change
Ability to apply in a clear and correct manner generic skills in communication, critical thinking, information literacy and research to pharmaceutical, clinical and laboratory information	Analysis and enquiry
	Professionalism and social responsibility
	Communication
	Working independently and with others
	Problem Solving
	Personal attributes: critical thinking, reflective practice, thriving in an environment of change

Ability to calculate medicine doses and dosage regimes accurately	<p>Analysis and enquiry</p> <p>Working independently and with others</p> <p>Professionalism and social responsibility</p> <p>Problem Solving</p>
Ability to prepare extemporaneously non-sterile pharmaceutical products in a safe and legal manner	<p>Professionalism and social responsibility</p> <p>Working independently and with others</p>
Ability to obtain, interpret and evaluate patient and clinical data	<p>Analysis and enquiry</p> <p>Professionalism and social responsibility</p> <p>Communication</p> <p>Working independently and with others</p> <p>Problem Solving</p> <p>Personal attributes: critical thinking, reflective practice, thriving in an environment of change</p>
Ability to assess prescriptions and other orders for medicines, and to dispense medicines safely and legally	<p>Analysis and enquiry</p> <p>Professionalism and social responsibility</p> <p>Communication</p> <p>Working independently and with others</p> <p>Problem Solving</p> <p>Personal attributes: critical thinking, reflective practice, thriving in an environment of change</p>

Ability to advise patients and other health professionals on medicines and their use. Graduates must have an understanding of medication safety and the ability to recognise, prevent and manage adverse events	Analysis and enquiry  Professionalism and social responsibility  Communication  Working independently and with others  Problem Solving  Personal attributes: critical thinking, reflective practice, thriving in an environment of change
Ability to safely handle chemical and pharmaceutical materials	Analysis and enquiry  Professionalism and social responsibility  Working independently and with others
Understanding of standard laboratory procedures and the operation of standard pharmaceutical instrumentation, and ability to select appropriate techniques and procedures	Analysis and enquiry  Professionalism and social responsibility  Problem Solving

## Placements requirements

This course requires students to meet compulsory placement requirements prior to undertaking professional placement (Work-Integrated Learning) in a clinical or professional setting. For information on what these requirements are and how to meet these requirements, please visit [www.canberra.edu.au/placement](http://www.canberra.edu.au/placement)

## Majors

- [Major in Pharmacy Practice \(Restricted\) \(MJ0223\)](#)
- [Major in Pharmacotherapeutics \(MJ0222\)](#)

## Awards

Award	Official abbreviation
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Bachelor of Pharmacy	B Pharm
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Bachelor of Pharmacy (Honours)

B Pharm (Hons)

## Honours

In order to graduate with honours, you must

- Attain a GPA of at least 5.5 to enter the Honours program and then maintain a GPA of at least 5 across all other units undertaken in the Bachelor of Pharmacy whilst completing the Honours program; and
- Achieve an Honours GPA, as determined in accordance with this policy, of at least 5. The Honours GPA is calculated by adding the grade point average of all Pharmacy Honours units undertaken.

Pharmacy degrees with Honours are awarded in the following classes depending on the Honours GPA obtained and the standard of the Honours Paper.

- First Class: both an Honours GPA of at least 6 and a mark of at least 85% for the honours thesis
- Second Class - Division I: both an Honours GPA of at least 5.5 and a mark of at least 75% for the honours thesis
- Second Class - Division II: both an Honours GPA of at least 5 and a mark of at least 65% for the honours thesis

Calculating the Honours GPA

- GPAs are calculated by using the University's system. The Honours GPA will be calculated as above solely for the Pharmacy Honours units
- Be aware that marks are not automatically rounded up for purposes of Honours. Thus 4.99 does not become 5.00. Where your final mark is within two points of the next level of Honours, or of achieving Honours at all (eg a 4.8 is rounded up to 5.0), you can apply in writing to have your Honours result upgraded. This will be determined by the Associate Dean (Education) and the Pharmacy Honours Unit Convenors, taking into account your academic record and any mitigating circumstances which may have affected your academic performance.

Please refer to the Honours Guide for this course for further information.

## Alternative exits

In order for the Diploma of Health Studies to be awarded the student must have:

- completed 24 credit points with at least 12 credit points at Level 1
- completed a minimum of 12 credit points at UC and
- obtained a minimum of 12 credit points in any of the health disciplines.

In order for the Associate Degree in Health Studies to be awarded the student must have:

- completed 48 credit points with at least 12 credit points at Level 1 and 12 credit points at Level 2
- completed a minimum of 24 credit points at UC and
- obtained a minimum of 24 credit points in any of the health disciplines.

## Enquiries

Student category	Contact details
Prospective International Students	Email <a href="mailto:international@canberra.edu.au">international@canberra.edu.au</a> or Phone +61 2 6201 5342
Current and Commencing Students	Please contact the Faculty of Health faculty office, email <a href="mailto:student.centre@canberra.edu.au">student.centre@canberra.edu.au</a>
Prospective Domestic Students	Email <a href="mailto:study@canberra.edu.au">study@canberra.edu.au</a> or Phone 1800 UNI CAN (1800 864 226)

## 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.