

Pharmacy & Pharmaceutical Sciences



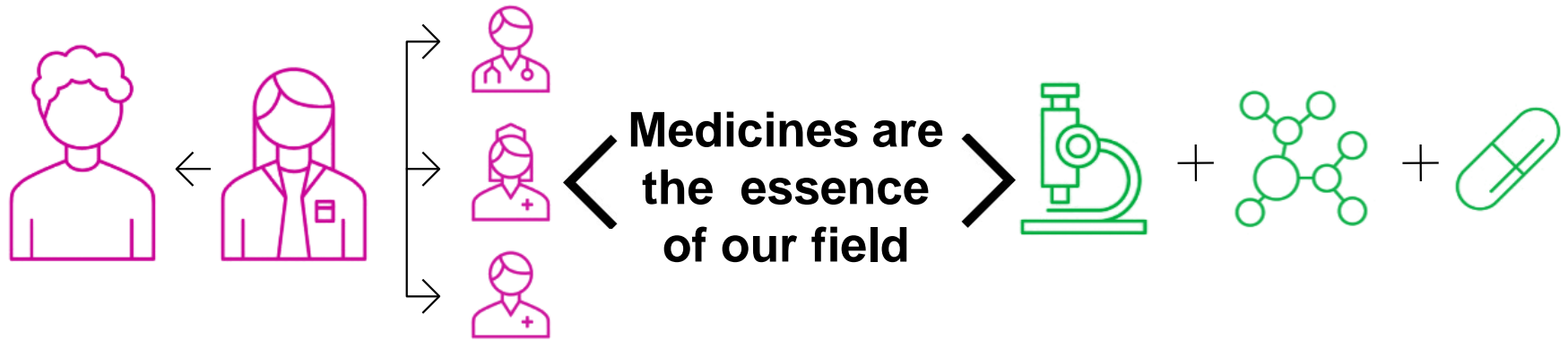
Acknowledgement of country

The image shows two women in the foreground, seen from behind, wearing traditional Wurundjeri dresses made of light-colored cord with intricate knotting. They have feathered headpieces and their arms are outstretched in a gesture of welcome or ceremony. In the background, a crowd of people, many wearing blue face masks, stands watching the event. The scene is outdoors on a sunny day.

We acknowledge the Wurundjeri people of the Kulin nations, who are the traditional custodians of the lands on which the Monash Parkville campus stands. We pay our respects to their elders, past, present and emerging.

Artwork created by Emily Lei

Our courses: what's the difference?



Pharmacists are health professionals who are medicines experts, and work with patients and healthcare teams

Pharmaceutical Scientists make medicines. They advance the science of new and existing medicines

Our reputation

1st

In Australia and
Asia-Pacific

1st

Worldwide for
academic reputation

2nd

Worldwide in overall category
#1 Harvard
#3 Oxford

Top
10

Worldwide
(average 2011 – 2022)

Student life at Parkville

- Close to Melbourne CBD, Melbourne Zoo, hip & cool Brunswick
- Public transport at our doorstep
- Single purpose campus. All students speak the language of chemistry, **make fast friends!**
- Students have a peer mentor from Day 1
- Dedicated Clubs and Societies located on campus & can join UMelb sports clubs
- 24 hour security and study spaces
- Student population 2000



International opportunities

Go on exchange to Monash Malaysia, undertake a research experience or placement at The University of North Carolina or University College London.





PHARMACY

W

What is pharmacy & why does it matter?

Pharmacy is a health profession.

Pharmacists are the medicines experts on the health care team.

Most health challenges in the world require medicines for treatment or/and prevention.

Medicines include tablets, capsules, injections, eye drops, inhalers, creams, patches, lozenges, and many other forms.

What constitutes a medicine is always changing – wearable devices and video games are now types of therapies.



Career opportunities

Community
pharmacy



Hospital
pharmacy

Industrial
pharmacy

Healthcare
informatics

Government
organisations

Medical
research &
clinical trials



Non-
government
organisations

Compounding



Pharmacy
societies &
associations,
such as
regulatory bodies

Academia

Pharmacy is in demand

Pharmacy is on the Temporary Skilled Migration List, with jobs in the Pharmacy sector in strong demand.

Pharmacy graduates almost universally get jobs straight out of university, with 96.2% in full time employment shortly after graduating (QILT Graduate Outcomes Survey 2022).

Monash Pharmacy program is globally benchmarked with programs in the US and the UK, and we expect it to be a suitable primary qualification for registration to practise in most countries.



Pharmacy internship outcomes – BPharm/MPharm

2023 internship outcomes:

199 domestic students in the Master of Pharmacy

- Hospital internships: 80
- Community internships: 119

Teaching outcomes/feedback

Placement supervisors have noticed an uplift in clinical knowledge and attitude towards learning

“I’m in my fifth year of the Bachelor of Pharmacy (Hons) / Master of Pharmacy this year and will be undertaking my internship at the Royal Melbourne Hospital. It’s a big year, and I’m a bit apprehensive about sitting the pharmacy board exams whilst working full time. However, I feel like the Masters intern component will definitely help get us interns up to speed. If you’re set on studying pharmacy – there’s no better place than at Monash!”

KEVIN, Bachelor of Pharmacy (Hons)/Master of Pharmacy student,
Pharmacy intern, The Royal Melbourne Hospital



Registration as a pharmacist in Australia

Monash pathway



Most other universities in Australia



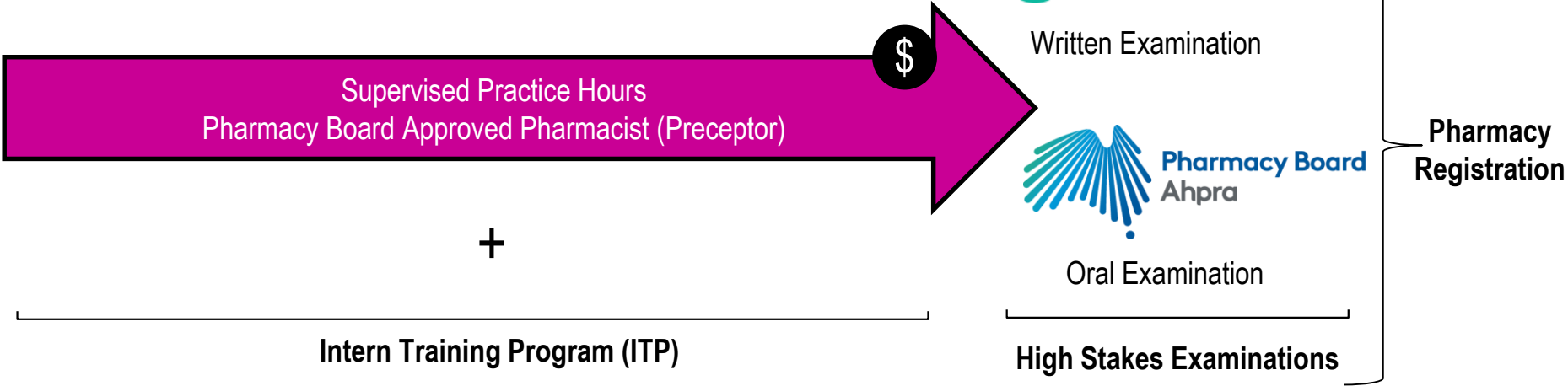
Bachelor of Pharmacy (Hons) / Master of Pharmacy coursemap

Year 1	Sem 1	Professional practice I	How medicines work I	How the body works	
	Sem 2	Professional practice II	How medicines work II		
Year 2	Sem 1	Professional practice III	How medicines work III	Respiratory and gastrointestinal disorders	Dermatology and pain
	Sem 2	Professional practice IV		Endocrinology and renal	Cardiovascular
Year 3	Summer	Bridge to practice I (Graduate Entry Pharmacy students only)			
	Sem 1	Bridge to practice II (Bridge to practice students only)	Blood, brain and cancers	Pathogens, host defence and treatment	
	Sem 2	Acute care		Student experiential placements	Inquiry and innovation I
Year 4	Sem 1	Student experiential placements		Inquiry and innovation II	
	Sem 2	Professional Practice V	Integrated care	Inquiry and innovation III	
Year 5	Sem 1	Applied pharmacy practice I	Foundation practice I	48-week paid internship	
	Sem 2	Applied pharmacy practice II	Foundation practice II		



Intern Year






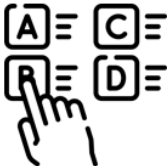
- Student secures intern position
- **Hospital** – public funded, selection process (July-Sept)
- **Community** –Jobs Board/Banner groups (less date dependent)



Year 5	Sem 1	Applied pharmacy practice I	Foundation practice I
	Sem 2	Applied pharmacy practice II	Foundation practice II

The Intern Training Program

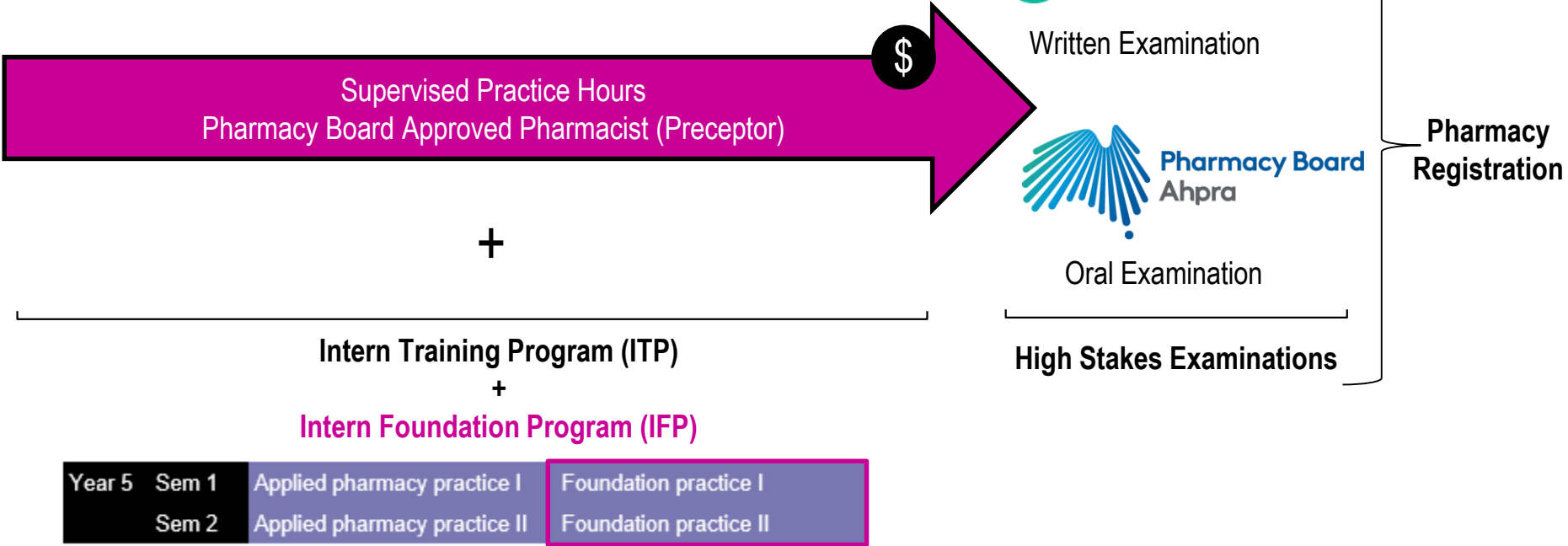
- Work-integrated learning program (Jan – Sept)
- Assessments to demonstrate **core competencies** (Pass/Fail)

 <p>Learning Portfolio Exercises (LPE)</p>	 <p>Continued Professional Development (CPD)</p>	 <p>Online Discussion Blocks</p>
 <p>Seminars</p>	 <p>Workplace Based Assessments</p>	 <p>Examination Preparation</p>

Year 5	Sem 1	Applied pharmacy practice I	Foundation practice I
	Sem 2	Applied pharmacy practice II	Foundation practice II

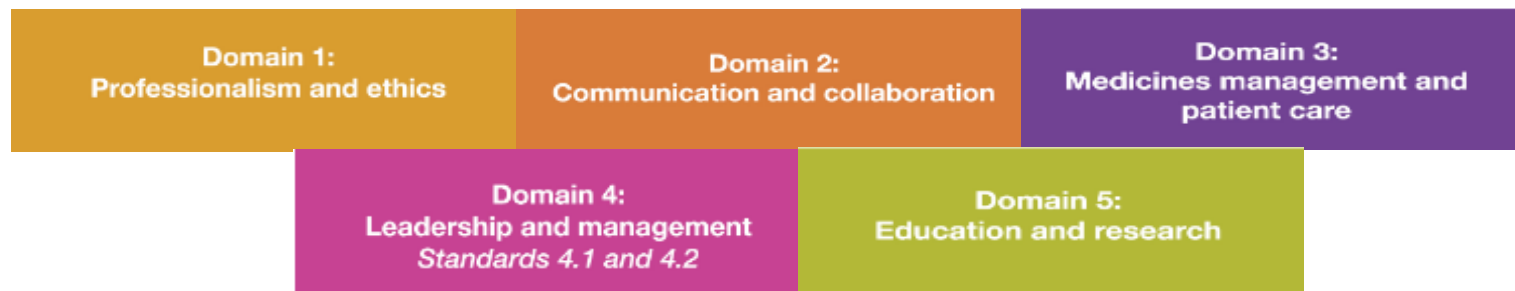
Intern Year – Higher Qualification Pathway

- Eligible for MPharm (Monash Graduates)
- Eligible for Graduate Certificate (Non-Monash Graduates)



The Intern Foundation Program (IFP)

- Work-integrated learning program
- Portfolio development to gain **advanced competencies**
- **Speciality practice** – vaccinations, aged care, therapeutic drug monitoring
- **Professional skills** – leadership, project management, education, research
- **Exclusive to Monash University → Enhanced employability**

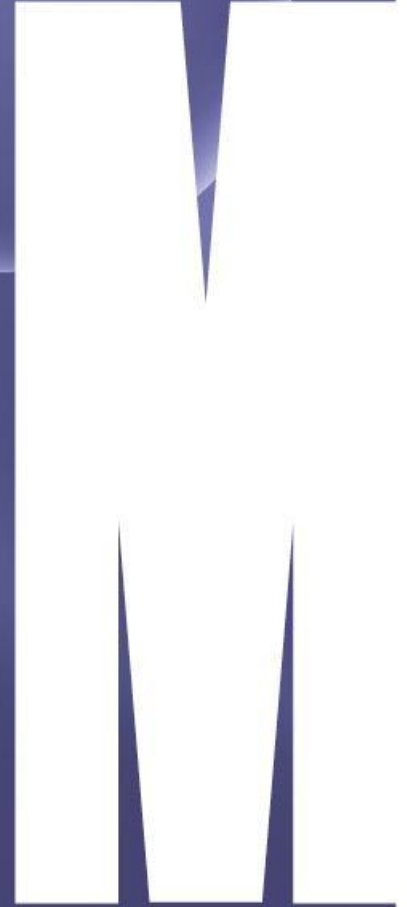


Year 5	Sem 1	Applied pharmacy practice I	Foundation practice I
	Sem 2	Applied pharmacy practice II	Foundation practice II

Student Reflections + Audience Questions



PHARMACY ADMISSIONS



Entry Requirements

Course	Years of study	2022 indicative ATAR	Monash Guarantee ATAR
Bachelor of Pharmacy (Hons) / Master of Pharmacy	5	88.10	84
Bachelor of Pharmacy (Hons) / Master of Pharmacy Scholars Program	5	98.00	N/A
Bachelor of Pharmacy (Hons)	4	88.05	84

Prerequisites:

English: Units 3 and 4, with a study score of at least 27 in English (EAL) or 25 in English other than EAL

Maths: Units 3 and 4, with a study score of at least 25 in one of Mathematical Methods or Specialist Mathematics

Chemistry: Units 3 and 4, with a study score of at least 25

Bachelor of Pharmacy (Hons) / Master of Pharmacy (Scholars Program)



\$6000 p.a. scholarship
[domestic students only]

+

Invitation to
academic seminars

+

Annual Dean's
scholars function

Pharmacy pathways

A female student with blonde hair, wearing safety glasses and a white lab coat, is focused on a task in a laboratory. She is holding a glass vial or pipette. The background is filled with various laboratory equipment, including beakers and tubes, all under a cool blue light.

There are two main pathways to studying pharmacy should a student not meet entry requirements after Year 12.

Course transfer

- A Bachelor of Science is recommended
- Prerequisites must be met in Year 12 or during Year 1
- A 70% minimum average (and all prerequisites) is required to transfer

Graduate Entry Pharmacy

Become a pharmacist in just three years with Graduate Entry Pharmacy.

Bachelor of Pharmacy (Honours) / Master of Pharmacy

Graduate Entry Pathway – Entry Requirements

Relevant degree with minimum 70% average in the last ten years.

Bachelor of Biomedicine
Bachelor of Pharmaceutical Sciences
Bachelor of Science

The units completed in the degree should be appropriate and science based.

1. Must-have pre-requisites include **Chemistry, Higher Level Maths, English** and **Physiology**.
2. Along with tertiary units, we can accept the required pre-requisites Chemistry and Higher Level Maths from VCE or secondary school equivalents.
3. At least one Physiology unit must be studied at a tertiary level.*
4. English can be met if it was the language of instruction for your degree.
5. Other recommended but not required pre-requisites include Biochemistry and Pharmacology.

*The physiology unit studied should have similar course structure and outcomes to one of the following Monash units:

BMS2031 - Body systems

PHY2042 - Body systems physiology

DEV2022 - Human anatomy and development: Tissues and body systems

Bachelor of Pharmacy (Hons) / Master of Pharmacy coursemap

Prior
undergraduate
science degree*

Year 3	Summer	Bridge to practice I (Graduate Entry Pharmacy students only)		
	Sem 1	Bridge to practice II (Bridge to practice students only)	Blood, brain and cancers	Pathogens, host defence and treatment
	Sem 2	Acute care	Student experiential placements	Inquiry and innovation I
Year 4	Sem 1	Student experiential placements		Inquiry and innovation II
	Sem 2	Professional Practice V	Integrated care	Inquiry and innovation III
Year 5	Sem 1	Applied pharmacy practice I	Foundation practice I	48-week paid internship
	Sem 2	Applied pharmacy practice II	Foundation practice II	

Thanks for listening!

Questions?

Contact us: pharmacy.outreach@monash.edu

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Scholarships: monash.edu/scholarships

