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
Pharmacy or Pharmaceutical Science

Our courses: what’s the difference?

Medicines are the essence of our field

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

<table>
<thead>
<tr>
<th>Industrial pharmacy</th>
<th>Healthcare informatics</th>
<th>Government organisations</th>
<th>Medical research &amp; clinical trials</th>
<th>Hospital pharmacy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-government organisations</td>
<td>Compounding</td>
<td>Pharmacy societies &amp; associations, such as regulatory bodies</td>
<td>Academia</td>
<td></td>
</tr>
</tbody>
</table>
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

Year 1
Year 2
Year 3
Year 4 → Paid Internship

Bachelor of Pharmacy (Honours)

Most other universities in Australia

Year 1
Year 2
Year 3
Year 4 → Paid Internship

Bachelor of Pharmacy

PHARMACY

Most other universities in Australia

Bachelor of Pharmacy
## Bachelor of Pharmacy (Hons) / Master of Pharmacy coursemap

<table>
<thead>
<tr>
<th>Year</th>
<th>Summer</th>
<th>Sem 1</th>
<th>Sem 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>Professional practice I</td>
<td>How medicines work I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Professional practice II</td>
<td>How medicines work II</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Professional practice III</td>
<td>How medicines work III</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Professional practice IV</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Summer</td>
<td>Bridge to practice I (Graduate Entry Pharmacy students only)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sem 1</td>
<td>Bridge to practice II (Bridge to practice students only)</td>
<td>Blood, brain and cancers</td>
</tr>
<tr>
<td></td>
<td>Sem 2</td>
<td>Acute care</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Sem 1</td>
<td>Student experiential placements</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sem 2</td>
<td>Professional Practice V</td>
<td>Integrated care</td>
</tr>
<tr>
<td>5</td>
<td>Sem 1</td>
<td>Applied pharmacy practice I</td>
<td>Foundation practice I</td>
</tr>
<tr>
<td></td>
<td>Sem 2</td>
<td>Applied pharmacy practice II</td>
<td>Foundation practice II</td>
</tr>
</tbody>
</table>
Intern Year

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

**Supervised Practice Hours**
Pharmacy Board Approved Pharmacist (Preceptor)

+ 

**Intern Training Program (ITP)**

- **Written Examination**
- **Oral Examination**
- **High Stakes Examinations**

**Pharmacy Registration**

<table>
<thead>
<tr>
<th>Year 5</th>
<th>Sem 1</th>
<th>Applied pharmacy practice I</th>
<th>Foundation practice I</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Applied pharmacy practice II</td>
<td>Foundation practice II</td>
</tr>
</tbody>
</table>
The Intern Training Program

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

<table>
<thead>
<tr>
<th>Learning Portfolio Exercises (LPE)</th>
<th>Continued Professional Development (CPD)</th>
<th>Online Discussion Blocks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seminars</td>
<td>Workplace Based Assessments</td>
<td>Examination Preparation</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 5</th>
<th>Sem 1</th>
<th>Sem 2</th>
<th>Year 5</th>
<th>Sem 1</th>
<th>Sem 2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Applied pharmacy practice I</td>
<td></td>
<td>Foundation practice I</td>
<td></td>
<td>Foundation practice II</td>
</tr>
</tbody>
</table>
Intern Year – Higher Qualification Pathway

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

Supervised Practice Hours
Pharmacy Board Approved Pharmacist (Preceptor)

+ 

Intern Training Program (ITP)

+ 

Intern Foundation Program (IFP)

<table>
<thead>
<tr>
<th>Year 5</th>
<th>Sem 1</th>
<th>Applied pharmacy practice I</th>
<th>Foundation practice I</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sem 2</td>
<td>Applied pharmacy practice II</td>
<td>Foundation practice II</td>
</tr>
</tbody>
</table>

Pharmacy Registration

Written Examination

Oral Examination

High Stakes Examinations
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
Student Reflections + Audience Questions
## Entry Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Years of study</th>
<th>2022 indicative ATAR</th>
<th>Monash Guarantee ATAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Pharmacy (Hons) / Master of Pharmacy</td>
<td>5</td>
<td>88.10</td>
<td>84</td>
</tr>
<tr>
<td>Bachelor of Pharmacy (Hons) / Master of Pharmacy Scholars Program</td>
<td>5</td>
<td>98.00</td>
<td>N/A</td>
</tr>
<tr>
<td>Bachelor of Pharmacy (Hons)</td>
<td>4</td>
<td>88.05</td>
<td>84</td>
</tr>
</tbody>
</table>

**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

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.
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

<table>
<thead>
<tr>
<th>Term</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>Bridge to practice I (Graduate Entry Pharmacy students only)</td>
</tr>
<tr>
<td>Sem 1</td>
<td>Bridge to practice II (Bridge to practice students only)</td>
</tr>
<tr>
<td></td>
<td>Blood, brain and cancers</td>
</tr>
<tr>
<td></td>
<td>Pathogens, host defence and treatment</td>
</tr>
<tr>
<td>Sem 2</td>
<td>Acute care</td>
</tr>
<tr>
<td></td>
<td>Student experiential placements</td>
</tr>
<tr>
<td></td>
<td>Inquiry and innovation I</td>
</tr>
</tbody>
</table>

### Year 4

<table>
<thead>
<tr>
<th>Term</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sem 1</td>
<td>Student experiential placements</td>
</tr>
<tr>
<td></td>
<td>Inquiry and innovation II</td>
</tr>
<tr>
<td>Sem 2</td>
<td>Professional Practice V</td>
</tr>
<tr>
<td></td>
<td>Integrated care</td>
</tr>
<tr>
<td></td>
<td>Inquiry and innovation III</td>
</tr>
</tbody>
</table>

### Year 5

<table>
<thead>
<tr>
<th>Term</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Sem 1</td>
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<td></td>
<td>Foundation practice I</td>
</tr>
<tr>
<td>Sem 2</td>
<td>Applied pharmacy practice II</td>
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<tr>
<td></td>
<td>Foundation practice II</td>
</tr>
<tr>
<td></td>
<td>48-week paid internship</td>
</tr>
</tbody>
</table>
Thanks for listening!

Questions?

Contact us: pharmacy.outreach@monash.edu
Find us: monash.edu/pharm
Follow us:
TikTok: monashpharm
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Twitter: MonashPharm
Facebook: MonashPharm
LinkedIn: monashpharm

Scholarships: monash.edu/scholarships