

THE UNIVERSITY OF SYDNEY

**Faculty of Pharmacy
And College of Pharmacy , King Saud University
Postgraduate Coursework Programs**

in

Clinical Pharmacy

Master of Pharmacy (Clinical)

MPharm(Clin)

Graduate Diploma in Clinical Pharmacy

GradDipClinPharm

Graduate Certificate in Clinical Pharmacy

GradCertClinPharm

**Information and Application
Pack**

2006

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2006 Faculty Handbook - Draft Excerpt

Postgraduate Coursework Programs in Clinical Pharmacy

Including the Master of Pharmacy (Clinical) (MPharmClin), Graduate Diploma in Clinical Pharmacy (GradDipClinPharm) and Graduate Certificate in Clinical Pharmacy (GradCertClinPharm).

Course Coordinator: Professor Jo-anne Brien

The Master of Pharmacy (Clinical), Graduate Diploma in Clinical Pharmacy and Graduate Certificate in Clinical Pharmacy are designed to provide practicing Pharmacists with postgraduate training that will extend their clinical knowledge and skills, and expand their professional practice. These programs are available to both local and international students. However, international students are not eligible for part-time study and must enrol full-time.

Note for International Students: *these courses do not lead to registration for the practice of Pharmacy in Australia. Pharmacists with degrees from overseas who wish to become registered in Australia should contact the Australian Pharmacy Examining Council (APEC) - Email: registrar@apec.asn.au, <http://www.apec.asn.au>, Telephone (02) 6247 5088.*

Note for students from other disciplines: these postgraduate courses in clinical pharmacy are strictly only available to qualified pharmacy graduates. They are not vocation conversion programs. If you would like to become a pharmacist you need to refer to the information about the undergraduate Bachelor of Pharmacy degree - <http://www.pharm.usyd.edu.au/degrees/bp.html> or the new postgraduate Master of Pharmacy degree, http://www.pharm.usyd.edu.au/future_students/cw_degrees/reg_degree/mapharm.shtml.

Admission Requirements: applicants for the Master's degree must have a bachelor's degree in pharmacy with one of the following: an honours degree, a relevant graduate diploma, or a minimum of 3 years experience as a pharmacist in a clinical setting. Applicants for the Graduate Diploma or Graduate Certificate must have completed a bachelor's degree in pharmacy (or equivalent qualification that is acceptable to the Dean). See page 13 of this manual for further details on admission requirements.

Awards in Clinical Pharmacy:

- If all required coursework (24 credit points total) is completed a Graduate Certificate of Clinical Pharmacy will be awarded.
- If all coursework plus clinical placements (36 credit points total) are completed, the student will qualify for a Graduate Diploma of Clinical Pharmacy.
- If all coursework plus a research project (48 credit points total) is completed the student will qualify for the Master of Pharmacy (Clinical).

Transfer between programs in Clinical Pharmacy: students may upgrade from the Graduate Certificate to the Graduate Diploma or Master's degree or from the Graduate Diploma to the Master's degree, subject to satisfactory progress. Students may also convert to the Graduate Certificate or Graduate Diploma after initially enrolling in the Master's.

PC031	Master of Pharmacy - Clinical (Full-time or Part-time)
PF003	Graduate Diploma in Clinical Pharmacy (Full-time or Part-time)
PG001	Graduate Certificate in Clinical Pharmacy (Part-time only)

Commencement: ALL clinical pharmacy programs commence at the beginning of the calendar year, ie, Semester 1 (usually early March). There is no mid-year intake (July start) for any of these programs.

Duration: the full-time Master's (48 credit points total) or Graduate Diploma (36 credit points total) can be completed in 1 year, involving 2 semesters of coursework (24 credit points) plus either a research project (24 credit points) or clinical placements (12 credit points) as per program. The part-time Master's program can be completed in 3 years, involving 3 semesters of coursework plus 3 semesters of research project. The Graduate Diploma can be completed in 2 years, involving 4 semesters of coursework and clinical placements. The Graduate Certificate can be completed in 18 months by coursework or by a combination of coursework and clinical placement.

Attendance: The Master of Clinical Pharmacy and Graduate Diploma in Clinical Pharmacy are available on a part-time and full-time basis. The Graduate Certificate is a part-time only program. There are 16 hours of coursework per week for the full-time Master's and Graduate Diploma programs, and 8 hours of coursework per week for the part-time programs (Master's, Graduate Diploma and Graduate Certificate). Additional time is required to complete assignments, clinical placements and research projects. Individual subjects are also available as Professional Development modules to suitably qualified students.

For both the part-time and full-time programs lectures and tutorials are conducted in the evenings (5.30-9.30pm). The **full-time** programs involve 4 hours of lectures on 4 evenings each week in addition to day-time attendance for either the Research Project or Clinical Placements.

In the **part-time** programs, there are 8 hours of coursework each week, usually conducted over 2 evenings.

FULL-TIME PROGRAM		
Unit of Study		Credit Points
Semester 1		
PHAR 5002	Medication Review	4
PHAR 5012	Advanced Therapeutics A	2
PHAR 5003	Drug Information	2
PHAR 5005	Pharmacoepidemiology	2
PHAR 5014	Advanced Therapeutics C	2
PHAR 5006	Statistics	2
PHAR 5105	Research Methods	2
Graduate Diploma		
PHAR 5016	Clinical Placement A	2
PHAR 5018	Clinical Placement C*	4
Master		
PHAR 5106	Research Project A	8
Semester 2		
PHAR 5013	Advanced Therapeutics B	2
PHAR 5008	Scientific Presentation	2
PHAR 5009	Clinical Pharmacokinetics	2
PHAR 5010	Pharmacoeconomics	2
Graduate Diploma		
PHAR 5017	Clinical Placement B	10
Master		
PHAR 5103	Research Project B	8
PHAR 5104	Research Project C	8

PART-TIME PROGRAM		
Unit of Study		Credit Points
Semester 1		
PHAR 5002	Medication Review	4
PHAR 5003	Drug Information	2
PHAR 5012	Advanced Therapeutics A	2
Semester 2		
PHAR 5013	Advanced Therapeutics B	2
PHAR 5008	Scientific Presentation	2
PHAR 5009	Clinical Pharmacokinetics	2
PHAR 5010	Pharmacoeconomics	2
Semester 3		
PHAR 5005	Pharmacoepidemiology	2
PHAR 5014	Advanced Therapeutics C	2
PHAR 5006	Statistics	2
PHAR 5105	Research Methods	2
Semester 4		
Graduate Diploma		
PHAR 5016	Clinical Placement A	2
PHAR 5017	Clinical Placement B	10
PHAR 5018	Clinical Placement C*	4
Master		
PHAR 5106	Research Project A	8
Semester 5		
Master		
PHAR 5103	Research Project B	8
Semester 6		
Master		
PHAR 5104	Research Project C	8

***Coursework Options:**

In the **Graduate Diploma** and **Graduate Certificate** programs, Clinical Placement **C** (4 credit points) is optional and may be undertaken instead of Statistics and and Research Methods (4 credit points total).

Students are advised to enrol in Statistics and Research Project Design initially, particularly if considering a future upgrade to a higher/research degree (ie. Master's).

Clinical Pharmacy Units of Study

PHAR 5012 Advanced Therapeutics A

2 credit points. Semester: 1. Classes: 2hrs lecture or tutorial/wk. Assessment: Oral examination (100%).

Therapeutics and the interactions between medicines is becoming increasingly complex. This unit of study is designed to add to students' knowledge in the area of therapeutics and further their understanding of the interactions between medicines in various disease states. Lecture topics will include cardiology, renal diseases, respiratory and gastrointestinal diseases and antimicrobial agents.

PHAR 5013 Advanced Therapeutics B

2 credit points. Semester: 2. Classes: 2hrs lecture or tutorial/wk. Assessment: Oral examination (100%).

This unit of study is designed to add to students' knowledge in the area of therapeutics and further their understanding of the interactions between medicines in various disease states. Lecture topics will include oncology, palliative care, geriatric medicine, rheumatology, haematology, anticoagulation, immunology and HIV.

PHAR 5014 Advanced Therapeutics C

2 credit points. Semester: 1. Classes: 2hrs lecture or tutorial/wk. Assessment: Oral examination (100%).

This unit of study is designed to add to students' knowledge in the area of therapeutics and further their understanding of the interactions between medicines in various disease states. Lecture topics will include obstetrics and gynaecology, paediatrics, psychology, neurology such as epilepsy, Parkinson's disease and headache, therapeutic drug monitoring in neurology, endocrinology including diabetes and disorders of the thyroid gland and ophthalmology.

PHAR 5009 Clinical Pharmacokinetics

2 credit points. Semester: 2. Classes: 2hrs lecture or tutorial/wk. Assessment: assignment -(100%)

The aim of this course is to provide candidates with an understanding of the role that pharmacokinetics and pharmacodynamics play in rational therapeutics. The emphasis of this course will be on the clinical application of pharmacokinetic and pharmacodynamic concepts to individualise patient drug therapy in order to achieve the best possible outcome/s. This course will focus on the factors that influence drug disposition and action. New areas of research in clinical pharmacokinetics and pharmacodynamics will also be addressed. Where possible, patient and specific drug case histories, as well as problem-solving approaches, will be used to highlight the application of these concepts to practice.

PHAR 5003 Drug Information

2 credit points. Semester: 1. Classes: 2hrs lecture or tutorial/wk. Assessment: assignment (50%) case presentation, written - (25%), oral (25%).

Lectures on the availability and utilisation of drug information sources and the communication of this information to other health professionals will be given. This will be followed by two hours per week of tutorials in which the latest drug information sources will be practically explored through hands-on experience with databases. Finally, two hours per week for five weeks will be used to process this information in structured assignments.

PHAR 5002 Medication Review

4 credit points. Semester: 1. Classes: 4hrs lecture or tutorial/wk. Assessment: case presentation, peer assessment - (50%), lecturer assessment -(50%).

The overall aim of this course is to provide pharmacists with the necessary knowledge and clinical skill to conduct in-depth medication regimen review (MRR). Topics covered include: clinical interventions; the MRR process; rational use of medicines; interpretation of clinical chemistry; use of reference materials; strategies for the implementation of an MRR service; accreditation. A process-based interactive approach will be used. This course will enable pharmacists to optimise drug therapy for their patients.

PHAR 5010 Pharmacoeconomics

2 credit points. Semester: 2. Classes: 2hrs lecture or tutorial/wk. Assessment: assignment 1 (critical evaluation of pharmacoeconomic study) -(40%), assignment 2 (design of a simple pharmacoeconomic study) -(60%).

This unit of study is designed to given an introduction to pharmacoeconomics research and literature evaluation.

PHAR 5005 Pharmacoepidemiology

2 credit points. Semester: 1. Classes: 2hrs lecture or tutorial/wk. Assessment: assignment -(50%), examination (50%).

The amount of epidemiological literature a pharmacist is required to assess is rapidly increasing. Through lectures and tutorials, students will be introduced to such concepts as reliability, validity, bias and confounding. They will learn to interpret case-control studies, cohort studies, and clinical trials.

PHAR 5008 Scientific Presentation

2 credit points. Semester: 2. Classes: 2hrs lecture or tutorial/wk. Assessment: oral presentation -(50%), preparation of a written abstract -(50%).

This subject is designed to provide the basic theory of communication for oral presentation. Practical assignments will explore this theory. The writing skills developed in this course will help with the research thesis.

PHAR 5006 Statistics

2 credit points. Semester: 1. Classes: 2hrs lecture or tutorial/wk. Assessment: assignment-(50%), open book examination-(50%).

Relevant statistical methods will be covered, including parametric and non-parametric statistics. Lecture topics will include displaying data, tables, charts and plots; sampling and summarising data; probability; binomial distribution; non-parametric tests; association; correlation; and introduction to ANOVA.

PHAR 5105 Research Methods

2 credit points. Semester: 1. Classes: 2hrs lecture or tutorial/wk. Assessment: class participation -(30%), journal article research design critique -(30%), preparation of a research protocol -(40%).

The research process from planning to implementation, the research question and hypotheses tested and the research design will be presented and discussed. In addition the difference between qualitative and quantitative research, the problems associated with sampling, reliability, validity and source of error will be highlighted. The protocol for a research project designed.

PHAR 5106 Research Project A

8 credit points. Semester: 1. Assessment: written literature review (approx. 4000 words) -(100%).

In this unit of study background reading for a research project will be done and a literature review written for that project.

PHAR 5103 Research Project B

8 credit points. Semester: 2. Assessment: oral presentation of research project protocol -(100%).

In this unit of study the research protocol will be developed, ethics approval obtained and data collection commenced.

PHAR 5104 Research Project C

8 credit points. Semester: 2. Assessment: written presentation of research project -(100%).

The data collected in Research Project B will be analysed and interpreted and the report of the research project written. This can either be in the form of a treatise (30,000 words) or as two manuscripts, one a literature review and the second a report of the original work carried out. The manuscripts should match the style and content of a nominated journal.

PHAR 5016 Clinical Placement A

2 credit points. Semester: 1. Contact time: 8hrs/semester. Assessment: Oral case presentation-(40%), written case presentation-(30%), preceptor feedback - (30%).

In this unit of study students will be introduced, through tutorials and clinical placement, to patient case notes and to the hospital setting if they are not already familiar with the Australian health care system. They will be required to follow up and research at least one patient and his/her disease state/s and to present this case to pharmacists at the hospital and at the university.

PHAR 5017 Clinical Placement B

10 credit points. Semester: 2. Contact time: 38hrs/semester. Assessment: oral case presentation -(30%), written case presentation -(10%), preceptor feedback- (30%), portfolio of clinical cases -(30%).

Following on from Clinical Placement A, students will undertake a placement with a clinical specialist pharmacist and will be expected to participate in any clinical activities such as ward rounds or case conferences. Each student will be expected to follow up and research at least four patients, to keep a portfolio of these cases (including medication reviews when indicated) and present at least one case to their specialist pharmacist and academic pharmacists at the university.

PHAR 5018 Clinical Placement C (optional)

4 credit points. Semester: 1. Contact time: 16hrs/semester. Assessment: oral case presentation -(30%), written case presentation -(10%), preceptor feedback -(30%), portfolio of clinical cases -(30%).

Offered only in the Graduate Diploma or Graduate Certificate program, Clinical Placement C is optional and may be undertaken instead of Statistics and Research Methods. Following on from Clinical Placement A, students will undertake a placement with a clinical specialist pharmacist and will be expected to participate in any clinical activities such as ward rounds or case conferences. Each student will be expected to follow up and research at least three patients, to keep a portfolio of these cases (including medication reviews when indicated) and present at least one case to their specialist pharmacist and academic pharmacists at the university.

Timetables

Course commencement dates:

ALL postgraduate clinical pharmacy programs commence in late February or early March

There is no mid-year intake (July start) for any of these programs.

For exact semester dates, students should refer to the University of Sydney website.

- The **2004** dates are available at:
http://www.usyd.edu.au/fstudent/undergrad/apply/scm/dates_2004.shtml

Patterns of attendance:

An outline of current course timetables is provided in this information pack. It includes separate timetables for part-time and full-time attendance.

International students please note: Student visa regulations require international students to undertake a full-time study load, ie. part-time study is not permitted. For coursework students this means that a minimum full-time load of 18 credit points per semester is permitted (a full-time load at the University of Sydney is determined by the number of credit points, not the number of units of study). There are some exceptions: those on visas other than student visas may study part-time.

Unit of Study timetables:

Detailed Unit of Study timetables, outlining specific lecture schedules and assessment due dates, will be distributed to students at the first lecture.

Please note:

Timetables are subject to change prior to course commencement. It is the student's responsibility to confirm timetabling arrangements prior to semester start.

Timetables are fixed and only amendable at the request of the Faculty (when specific circumstances arise). It is not possible to change the timetable (ie. the dates and/or times of lectures or tutorials) to accommodate any student's request. Furthermore, it is not possible to undertake a unit in Semester 2, if it is only offered in Semester 1 and vice versa.

Non-attendance:

No concessions can be made for students who are unable to attend any course/program due to time conflicts. This applies to all students, including those who:

- commence the course late due to delayed lodgement or processing of course or visa applications forms
Students are not permitted to commence a course later than two (2) weeks after the semester has started. Late applicants will not be considered for the current year, but rather, will be processed for enrolment in the following year.
- do not attend (or arrive significantly late) for individual sessions
Students are reminded to be punctual for lectures. When circumstances arise causing them to arrive late, students are asked to enter quietly and not disrupt the session. Late students should not ask the lecturer or tutor to repeat any information or activities that they have missed. It is the student's responsibility to later obtain a copy of any handouts or distributed resources and to independently research the topic presented.

Lecture Timetable - Full-time students DRAFT

Postgraduate Coursework Programs in Clinical Pharmacy

PC031 Master of Pharmacy (Clinical)
 PF003 Graduate Diploma in Clinical Pharmacy
 PG001 Graduate Certificate in Clinical Pharmacy

2004

Lectures commence in the week beginning 8th March 2004
 Lectures commence in the week beginning 26th July 2004

2005

Lectures commence week beginning 7th March 2005
 Lectures commence week beginning 25th July 2005

FULL-time	Monday	Tuesday	Wednesday	Thursday
YEAR 1 Semester 1				
Day-time	Clinical Placement A PHAR 5016 (8 hours over semester) +/- Clinical Placement C PHAR 5018 (16 hours over semester)			
5:30pm - 7:30pm 7:30pm - 9:30pm	Medication Review PHAR 5002 Medication Review PHAR 5002	Drug Information PHAR 5003 Advanced Therapeutics A PHAR 5012	Pharmacoepidemiology PHAR 5005 Advanced Therapeutics C PHAR 5014	Statistics PHAR 5006 Research methods PHAR 5105
Semester 2				
Daytime:	Clinical Placement B PHAR 5017 (38 hours in semester)			
5:30pm - 7:30pm 7:30pm - 9:30pm	Scientific Presentation PHAR 5008 Advanced Therapeutics B PHAR 5013	Pharmacoeconomics PHAR 5010 Clinical Pharmacokinetics PHAR 5009		

Semester 1: lectures for 4 hours on 4 evenings per week PLUS daytime attendance for Clinical Placement A
Semester 2: lectures for 4 hours on 2 evenings per week PLUS daytime attendance for Clinical Placement B
Placements: are for Graduate Diploma program and Graduate Certificate programs only

Lecture Timetable - Part-time students DRAFT

Postgraduate Coursework Programs in Clinical Pharmacy

PC031 Master of Pharmacy (Clinical)
 PF003 Graduate Diploma in Clinical Pharmacy
 PG001 Graduate Certificate in Clinical Pharmacy

2004

Lectures commence in the week beginning 8th March 2004
 Lectures commence in the week beginning 26th July 2004

2005

Lectures commence week beginning 7th March 2005
 Lectures commence week beginning 25th July 2005

PART-time	Monday	Tuesday	Wednesday	Thursday
YEAR 1	Semester 1 5:30pm - 7:30pm 7:30pm - 9:30pm		Medication Review PHAR 5002 Medication Review PHAR 5002	
	Drug Information PHAR 5003 Advanced Therapeutics A PHAR 5012			
YEAR 2	Semester 2 5:30pm - 7:30pm 7:30pm - 9:30pm		Scientific Presentation PHAR 5008 Advanced Therapeutics B PHAR 5013	
	Pharmacoeconomics PHAR 5010 Clinical Pharmacokinetics PHAR 5009			
YEAR 2	Semester 3 5:30pm - 7:30pm 7:30pm - 9:30pm		Pharmacoepidemiology PHAR 5005 Advanced Therapeutics C PHAR 5014	
	Statistics PHAR 5006 Research Methods PHAR 5105			
	Semester 4 Daytime: Clinical Placement A PHAR 5016 (8 hours in semester) and Clinical Placement B PHAR 5017 (38 hours) +/- Clinical Placement C PHAR 5018 (16 hours)			

Semester 1: lectures for 4 hours on 2 evenings per week (PLUS Clinical Placement A tutorial for GradCertClinPharm students)
Semester 2: lectures for 4 hours on 2 evenings per week
Semester 3: lectures for 4 hours on 2 evenings per week OR 4 hours on 1 evening per week + optional Clinical Placement C (if chosen instead of Statistics and Research Methods)
Semester 4: lectures for 2 hours on 1 evening per week PLUS day-time attendance for Clinical Placements A and B (+/- optional Clinical Placement C)
Placements: are for Graduate Diploma program and Graduate Certificate programs only

Credit for Units of Study previously completed

Some students may have completed certain units of study prior to enrolling in these programs. These units may have been undertaken as part of a previous degree or course such as:

- an Honours degree in Pharmacy
- a postgraduate Diploma in Hospital Pharmacy
- a postgraduate Diploma in Pharmaceutical Science
- a Professional Development module
- another relevant postgraduate study.

Criteria for obtaining credit:

Credit (advanced standing, exemption) may only be granted in cases where the previously completed unit was undertaken:

- at an Australian tertiary education institution
- not more than 3 years ago
- at the postgraduate level (undergraduate units cannot be credited)
- in an equivalent manner to the offered unit of study, ie. it must be shown to be equivalent in content, assessment, and objectives
- and completed satisfactorily with a Pass grade or higher. A Concessional Pass will not permit credit.

Please note:

Credit for units of study will only be granted for up to a maximum of eight (8) credit points, ie. a student cannot request credit for multiple units of study where the total number of credit points is more than eight (8).

The following requests will not be approved, under any circumstance:

- exemption/s from core units on the basis of prior failure
- exemption/s from core units on the basis of perceived irrelevance of subject

Application for credit:

To obtain credit for any unit of study, a student must submit the following to the Course Coordinator:

- written request (hard copy, not via email) for such credit to be granted
- a completed Application for Credit form (on the following page)
- an original or certified academic transcript showing that such a unit was completed satisfactorily.

When to apply for credit:

These documents must be submitted at the time of initial application for any of these Postgraduate Coursework programs. In certain circumstances, late applications for credit will be considered if they are submitted prior to undertaking the specified unit of study, and definitely no later than the relevant Census date.

Application for Credit for Units of Study previously completed

Name of Applicant: _____
 (Title) (First/Given names) (Surname)

Address: _____
 (Number) (Street name)

 (Suburb) (State) (Postcode)

Student Number: _____
 (if a student of the University of Sydney)

Course of Study: Master of Pharmacy (Clinical) PC031 Faculty of Pharmacy
 Graduate Diploma in Clinical Pharmacy PF003 Faculty of Pharmacy
 Graduate Certificate in Clinical Pharmacy PG001 Faculty of Pharmacy

Units of Study Details:

Unit of Study <u>previously completed</u>						Unit of Study <u>to be granted credit:</u>		
Name	Code	Credit Points	Institution	Grade/Mark	Date of Completion	Name	Code	Credit Points
							PHAR_----	
							PHAR_----	
							PHAR_----	
							PHAR_----	
							PHAR_----	
							PHAR_----	
							PHAR_----	
							PHAR_----	

For each of the above previously completed Units of Study, the following documentation must be supplied:

1. A certified copy of a result notice or academic transcript from the awarding institution, showing the above details
2. A copy of a unit outline and/or course description, eg. relevant handbook excerpt

Incomplete applications (without appropriate supporting documentation) will not be processed.

Signature of Applicant: _____ **Date:** _____

Please forward application to the Course Coordinator

Office Use Only	
Approval status: <input type="checkbox"/> Yes, credit granted Comments:	
<input type="checkbox"/> No, application rejected	
Signature of Course Coordinator:	Date:

Course Fees

The standard course fees applicable to PG Clinical Pharmacy programs are listed below. There are different fee structures for local and international applicants.

Please note:

- These courses are fee-paying and are not Higher Education Contribution Scheme (HECS) funded.
- These fees are for 2004 only. All course fees are subject to annual fee increases of the order of 5%. The rates advertised in this document are subject to annual review.
- The figures below are standard fees based on the “standard” number of semesters of coursework having been successfully completed. If less or more semesters are required for the completion of a program (eg. in the event of failing a unit), the fee will be adjusted accordingly.
- The listed fees do not include any application or student association fees that may be payable.
- Fees are currently an allowable tax deduction in some circumstances. Students should check their eligibility with the Australian Taxation Office and enquire about related expenses that may also be tax deductible.
- Some employers maintain schemes for encouraging further study that help cover student fees.

Local Students:

Part-time:	Master of Pharmacy (Clinical)	AUS\$ 2,000 per semester	AUS\$ 12,000 Total
	Graduate Diploma in Clinical Pharmacy	AUS\$ 2,000 per semester	AUS\$ 9,000 Total
	Graduate Certificate in Clinical Pharmacy	AUS\$ 2,000 per semester	AUS\$ 6,000 Total
Full-time:	Master of Pharmacy (Clinical)	AUS\$ 6,000 per semester	AUS\$ 12,000 Total
	Graduate Diploma in Clinical Pharmacy	AUS\$ 4,500 per semester	AUS\$ 9,000 Total
	Graduate Certificate in Clinical Pharmacy	AUS\$ 2,000 per semester	AUS\$ 6,000 Total
Modules:	2 credit point units	AUS\$ 500 per module	
	4 credit point units	AUS\$ 1,000 per module	

International students:

The standard fee is AUS\$ 19,200 per annum. Applicants please note: These fees are for 2004 only. All course fees are subject to annual fee increases of the order of 5%.

International students must study full-time (part-time study is not available).

Further information is available at: <http://www.usyd.edu.au/su/io/FAQs.html#payment>.

Payment of Fees:

Fees are payable before each semester. However, course fee payments are not required until a student receives official notification from the University that they have been accepted into a program. This “Letter of Offer” will be accompanied by a request for payment of fees for the first semester. This amount will be determined by your course and pattern of attendance (see above). For international students, this amount will equal one half of the annual fee. The University will also advise on the method of payment.

Postgraduate Loan Scheme (PELS):

Local students are eligible to apply for the Postgraduate Education Loans Scheme (PELS). This program allows postgraduate students in a fee-paying award course to defer their fee payments to the tax system. More information is available at: <http://www.hecs.gov.au/pels.html> or by telephoning 1800 020 108.

Scholarships:

Each year a very limited number of ‘merit’ scholarships are awarded to local students in these coursework programs. These scholarships are mostly sponsored by Industry (Pharmaceutical Companies) and Professional Organisations (Pharmacy Practice Foundation) and are awarded by the Faculty on the basis of outstanding academic performance (overall) during the first semester of study.

Admission and Entry Criteria

To be eligible for admission into these programs, all students (local and international) must meet the following minimum requirements:

For entry into the Master of Pharmacy (Clinical) *MPharm(Clin)*:

Previous Degree: Equivalent undergraduate degree in Pharmacy (Bachelor's degrees in other disciplines are ineligible)
and
Registered as a Pharmacist by an authorised Pharmacy Licensing Board (eg. Pharmacy Board of NSW or interstate/international equivalent)

PLUS at least one of the following:

- higher academic qualification (eg. Honours degree or relevant Graduate Certificate/Diploma/Masters)
- 3 years clinical experience (eg. past or present experience as a registered pharmacist in a community, hospital or other clinical pharmacy environment)

Experience: Demonstrated research potential via one of the following: previous published work, conference presentation, research by thesis or equivalent research activity, clinical exposure via experience in practice settings

Residency: Local applicants must provide evidence of Australian Citizenship or Permanent Residency.

International applicants must provide evidence of permission to enter Australia or indicate their intention to apply for a temporary student visa.

Language*: Students who have not completed their tertiary studies in English must provide evidence of English language proficiency (eg. IELTS, TOEFL or other).

Interview: Where possible, applicants will be interviewed by the Course Coordinator and/or Associate Dean (Postgraduate)

For entry into the Graduate Certificate in Clinical Pharmacy (*GradCertClinPharm*), Graduate Diploma in Clinical Pharmacy (*GradDipClinPharm*), or Professional Development Module/s:

Previous Degree: Equivalent undergraduate degree in Pharmacy (Bachelor's degrees in other disciplines are ineligible)
and
Registered as a Pharmacist by an authorised Pharmacy Licensing Board (eg. Pharmacy Board of NSW or interstate/international equivalent)

Experience: ≥ 1 year clinical experience (eg. past or present experience as a graduate or registered pharmacist in a community, hospital or other clinical pharmacy environment)
Current employment in a clinical practice setting is advantageous, but not essential

Residency: Local applicants must provide evidence of Australian Citizenship or Permanent residency.

International applicants must provide evidence of permission to enter Australia or indicate their intention to apply for a temporary student visa.

Language*: International applicants must provide evidence of English language proficiency (eg. IELTS, TOEFL or other).

Interview: Where possible, applicants will be interviewed by the Course Coordinator and/or Associate Dean (Postgraduate)

***ENGLISH LANGUAGE PROFICIENCY**

English language requirements are: Academic IELTS 6.5 (<http://www.ielts.org/>) with no band less than 6.5 OR TOEFL 577 plus TWE 4.5 OR Computer-based TOEFL 233 plus Essay Rating 4.5. *English language courses are conducted by the Centre for English Teaching (CET) at the University of Sydney: <http://www.usyd.edu.au/su/cet/enrol.html>.*

Application Procedures for PG Clinical Pharmacy Programs

Application forms:

The 2004 application **forms** for postgraduate studies are available at:

Local students: <http://www.usyd.edu.au/su/studentcentre/applications/applications.html>

International: <http://www.usyd.edu.au/su/io/admission/forms.html>

Further information about local and international application **procedures** may be found at:

Local students: <http://www.usyd.edu.au/fstudent/postgrad/index.shtml>

International: <http://www.usyd.edu.au/su/io/admission/>

Application forms for **Professional Development Modules** (Postgraduate Non-Award Study) are available at:

Local students: <http://www.usyd.edu.au/su/studentcentre/applications/applications.html>

International: Ineligible

Please note:

An application form is not an enrolment form and does not guarantee your admission to the program. Admission is entirely at the Faculty's discretion. Furthermore, the availability of any program is subject to demand and the Faculty reserves the right to suspend any program at any time.

As procedures differ between local and international students, it is imperative that the correct package of forms is completed and returned together with supporting documents to the appropriate department, as specified.

Application Fee:

Currently, no application fee is payable to the Faculty at the time of form lodgement. However, students should check prior to form lodgement to ensure that there are no changes to this policy.

Processing applications:

Quotas apply for admission to the Master of Clinical Pharmacy and the Graduate Diploma of Clinical Pharmacy. Therefore, when an application is received it is subject to extensive review by the:

- Faculty of Pharmacy
- Postgraduate Administration Unit
- and/or the International Office.

This process may take several weeks if the application form is not completed correctly and if appropriate supporting documents are not provided. Applications are assessed according to the stated eligibility criteria, including academic merit. Those received by the closing date* will receive priority.

Applicants will be notified by the University of the outcome of their application by the end of January. Students should allow up to 3 months for their application to be processed, before making inquiries.

If your application is successful, you will also be advised of the enrolment procedure, which will require you to confirm your acceptance of the offer by paying the first semester's fees. You are not required to pay any course fees until this time, ie. not until advised to do so by the University.

Enrolment must be finalised prior to the first week of attendance - evidence of this must be provided to the Course Coordinator at the first session, otherwise entry to the course will be denied.

Application Requirements

For the Master, Graduate Diploma and Graduate Certificate of Pharmacy:

LOCAL Students:

Deadline for applications: 31st December each year (for March start)

Forms required: 1) Application checklist
2) University Application Form -Award

Lodgement: Two copies of the application are required (one labelled ORIGINAL).
Both copies should be sent to:

Peta Egan
Program Officer (Clinical Pharmacy)
Therapeutics Centre
St Vincent's Hospital
Darlinghurst NSW 2010

INTERNATIONAL Students:

Deadline for applications: 31st October each year (for March start)

Forms required: 1) Application checklist
2) University Application Form -International

Lodgement: Two copies of the application are required:

<u>ORIGINAL Copy 1 to:</u> The International Office Services Building (G12) University of Sydney NSW 2006 Australia	<u>Additional Copy 2 to:</u> Peta Egan Program Officer (Clinical Pharmacy) Therapeutics Centre St Vincent's Hospital Darlinghurst NSW 2010 Australia
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For the Professional Development Modules:

LOCAL Students:

Deadline for applications: One month prior to course commencement.

Forms required: 1) Application checklist
2) University Application Form - Non-award

Additional: No Application Fee required. You will be invoiced for payment of Course Fees.

Lodgement: Peta Egan
Program Officer (Clinical Pharmacy)
Therapeutics Centre
St Vincent's Hospital
Darlinghurst NSW 2010

INTERNATIONAL Students: Not applicable due to ineligibility.

Application* Checklist

* Master of Pharmacy (Clinical), Graduate Diploma in Clinical Pharmacy, Graduate Certificate in Clinical Pharmacy, and Professional Development Modules

This checklist **MUST** accompany **ALL** applications.

Applicant details:

NAME: _____
(Title) (First Name) (Surname)

POSTAL ADDRESS: _____

TELEPHONE: _____

EMAIL: _____

EMPLOYER: _____

Application for admission to: (please tick whichever applies)

- | | | |
|--|------------------------------------|------------------------------------|
| <input type="checkbox"/> Master of Pharmacy (Clinical) - PC031 | <input type="checkbox"/> Full-time | <input type="checkbox"/> Part-time |
| <input type="checkbox"/> Graduate Diploma in Clinical Pharmacy- PF003 | <input type="checkbox"/> Full-time | <input type="checkbox"/> Part-time |
| <input type="checkbox"/> Graduate Certificate in Clinical Pharmacy - PG001 | <input type="checkbox"/> Full-time | <input type="checkbox"/> Part-time |

Professional Development modules - please indicate which one(s) below:

Module	Semester	Day	Time	Fee
<input type="checkbox"/> Medication Review	1	Mondays	5.30 – 9.30pm	\$1,000
<input type="checkbox"/> Advanced Therapeutics A	1	Tuesdays	7.30 – 9.30pm	\$500
<input type="checkbox"/> Advanced Therapeutics B	2	Mondays	7.30 – 9.30pm	\$500
<input type="checkbox"/> Advanced Therapeutics C	1	Wednesdays	7.30 – 9.30pm	\$500
<input type="checkbox"/> Drug Information	1	Tuesdays	5.30 – 7.30pm	\$500
<input type="checkbox"/> Pharmacoeconomics	2	Tuesdays	5.30 – 7.30pm	\$500
<input type="checkbox"/> Clinical Pharmacokinetics	2	Tuesdays	7.30 – 9.30pm	\$500
<input type="checkbox"/> Pharmacoepidemiology	1	Wednesdays	5.30 – 7.30pm	\$500
<input type="checkbox"/> Statistics	1	Thursdays	5.30 – 7.30pm	\$500
<input type="checkbox"/> Research Methods	1	Thursdays	7.30 – 9.30pm	\$500
<input type="checkbox"/> Scientific Presentation	2	Mondays	5.30 – 7.30pm	\$500

Student status: (please tick)

- Local student (Australian citizen / Permanent Australian resident)
 International student

Supporting Documents: (please tick if attached to this application; application will not be processed otherwise)

- Correct application form
 Official transcript of your academic record
 Certified copy of birth certificate or passport or other to show **citizenship or permanent residency status**
 Documentary evidence of any name change if it differs from that under which you gained your qualifications.
 Proof of proficiency in English language - applies to international applicants OR where academic studies were not in English
 Curriculum vitae (outlining professional training and employment)
 Application for Credit for Units of Study form (if applicable)

NOTE: TWO copies of the application must be provided (the ORIGINAL copy must include Original or Certified copies of supporting documents)

Declaration:

I declare that the information submitted in this application is correct and complete. I agree that the University may obtain records from any University or other institution previously attended by me. I understand that the University reserves the right to vary or reverse any decision made on the basis of incorrect or incomplete information. I undertake to advise the Faculty immediately of any change to the information submitted in this application.

Signature: _____ Date: _____