



THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA

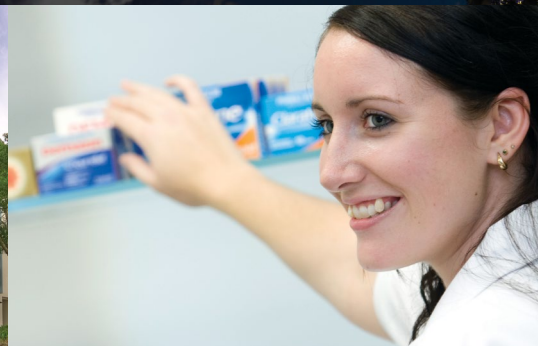
Study at Australia's first Pharmacy dedicated education and world-class research precinct, the Pharmacy Australia Centre of Excellence (PACE)

Brisbane, Queensland, Australia

STUDY ABROAD &
INCOMING EXCHANGE

academic
opportunities
in pharmacy

Discover the exceptional opportunities that studying pharmacy at a top 100 university can offer you



study abroad & incoming exchange for pharmacy students

Is a career in Pharmacy in your future? The University of Queensland (UQ), the highest-ranking Australian University in Clinical Medicine and Pharmacy with a Bachelor of Pharmacy program* is now offering courses for study abroad students.

Find out more about pharmacy as a career and be better prepared for your future studies by taking courses from award-winning teachers at Australia's first dedicated pharmacy education and world-class research precinct, the Pharmacy Australia Centre of Excellence (PACE).

Discuss one-on-one with a School of Pharmacy staff member to build a customized study plan. Would you like to explore how medicines work at a molecular level? Understand how different diseases are treated by different medications? Discover how new drugs are developed, tested and brought to market? Acquire practical skills in compounding pharmaceutical products? Or, practise patient counselling? Study at an introductory or advanced level.

The courses included here are pre-approved for study abroad, but may require prerequisite study. Additional courses may be available depending on previous study.

For an extensive list of available courses:

uq.edu.au/study

For more information about UQ's Study Abroad and Incoming Exchange program:

uq.edu.au/studyabroad

For more information, visit

www.uq.edu.au/pharmacy/international

Email enquiries to

international@pharmacy.uq.edu.au

*Shanghai Jiao Tong Academic Ranking of World Universities



Introductory Pharmacy 1

PHRM1011

Semester 1 (late February – June)

Learn about professional ethics, pharmacy information sources, the regulation and scheduling of medicines, healthcare systems and teams, principles of drug therapy, and contemporary issues in pharmacy practice globally. This course also provides intensive small-group training to support the development of patient-centred communication skills.



Quality Use of Medicines A

PHRM2011

Semester 1 (late February – June)

Are you interested in clinical therapeutics? In this introductory course, you will source information on pharmacological treatments for a range of diseases, learn how to evaluate management options, and determine dosing regimens for individual patients. You will also practice dispensing medicines in purpose-built study spaces and patient counselling in one of our six simulated pharmacies.



Dosage Form Design A

PHRM2021

Semester 1 (late February – June)

In this introductory course you will study the application of physicochemical principles to the design and use of liquid and semi-solid dosage forms. You'll also have the opportunity to put theory into practice by compounding pharmaceutical products such as suspensions and creams in state-of-the-art teaching laboratories.



Dosage Form Design B1

PHRM3021

Semester 1 (late February – June)

Want an advanced formulation experience? Do you like physical pharmacy? In this course you will become familiar with specialised drug delivery systems such as transdermal and transmucosal devices to improve the treatment of patients. You will gain hands on experience in compounding pharmaceutical products such as pastes and liniments in state-of-the-art teaching laboratories.



Drug Discovery A1

PHRM2040

Semester 1 (late February – June)

Are you curious about where drugs come from? Do you like organic chemistry? In this introductory medicinal chemistry course you will learn about modern drug discovery by exploring how drugs used to treat disorders of the nervous system are designed and how their chemical structure affects their biological activity and side effect profile. This course suits students who prefer not to complete laboratory activities as part of their study abroad experience.



Drug Discovery B1

PHRM3041

Semester 1 (late February – June)

Interested in how biotechnology has changed the way pharmaceuticals are discovered and manufactured? In this advanced course you will learn about the design of drugs to treat diseases of the cardiovascular and renal systems. This course suits students who prefer not to complete laboratory activities as part of their study abroad experience.



Dosage Design A2

PHRM2022

Semester 2 (late July – November)

In this course, you will study the application of physicochemical principles to the design and use of solid dosage forms. You will also learn what influences the stability of different types of pharmaceutical products. You'll have the opportunity to put theory into practice by compounding and testing tablets in state-of-the-art teaching laboratories.

Drug Discovery A2

PHRM2041

Semester 2 (late July – November)

Did you know there is a large international market for counterfeit medicines? The first half of this course introduces the principles and techniques of drug identification and analysis. It includes practical sessions where you will determine the amount of drug in pharmaceutical products and patient samples. In the second half of the course, you will learn advanced principles of medicinal chemistry by focusing on the discovery of drugs used to treat psychiatric and endocrine disorders.

Pharmaceutical Discovery and Microbiology

PHRM3042

Semester 2 (late July – November)

In this advanced course you will develop an understanding of design strategies and structure activity relationships of drugs used in the treatment of infections and cancer. You will also apply microbiology concepts to the principles and practice of pharmacy via laboratory activities.

Biological Fate of Drugs A

PHRM2050

Semester 2 (late July – November)

Did you know that all medicines have the potential to be poisons? This subject introduces the fundamentals of toxicology. You will develop an understanding of the mechanisms by which some drugs undergo metabolism and the importance of these biotransformations and pharmacokinetics. This course suits students who prefer not to complete laboratory activities as part of their study abroad experience.

Biological Fate of Drugs B

PHRM3052

Semester 2 (late July – November)

When it comes to medicines, dosing doesn't always follow a 'one-size-fits-all' approach. This advanced course provides an overview of optimal drug dosage regimen design and the disposition of drugs in the human body. You will learn about factors responsible for the pharmacokinetic and pharmacodynamic variability between individuals by modeling treatment options for patients in a range of clinical scenarios. This course suits students who prefer not to complete laboratory activities as part of their study abroad experience.

www.uq.edu.au/pharmacy/international

For an extensive list of available courses:
uq.edu.au/study

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