



THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA

Course title: PUBH7617 Pharmacoeconomics

Course coordinator: [Dr Samantha Hollingworth](#)

Mode: Internal lectures and tutorials

Course introduction:

This course introduces students to the basic concepts of pharmacoeconomics and goes beyond the traditional emphasis on cost-effectiveness analysis for reimbursement decisions. The course will explore the broader regulatory and policy environment in Australia and internationally. The course is complementary to a dedicated cost-effectiveness course with an analytical focus (PUBH7618 Cost effectiveness in health and medicine).

Course aims:

The principal aims of the course are for students to understand the regulatory, economic and policy framework of pharmaceuticals in Australia and the relationship to other reimbursement systems internationally.

The objectives are to:

1. understand the operation of the Australia's PBS
2. appreciate the roles and viewpoints of key players in the pharmaceutical sector
3. critique broader issues of pharmaceutical policy in Australia and internationally.

Course content:

Specific topics include:

- Course overview and introduction to pharmacoeconomics
- Guidelines for the pharmaceutical industry on submissions to the PBAC
- Critical analysis of pharmacoeconomic analyses
- Post PBAC approval – playing the pricing game
- Post PBS listing: assessing the impact of medicines on health outcomes
- PBS – the industry perspective
- PBS – the pharmacy practice perspective
- PBS – the pharmacy business perspective
- From molecule to market – drug development in Australia
- International pharmaceutical issues: globalisation and trade
- Pharmacoeconomics in the international arena
- Pharmaceuticals – when things go wrong
- Future direction of Pharmacoeconomics and complementary medicine

Method of assessment: There is one written assignment, a short answer/essay exam and tutorial exercises.

Recommended text: Walley T, Haycox A, Boland A, eds. (2004) Pharmacoeconomics. Churchill Livingstone, Edinburgh.

Resources: Additional materials will be provided within the Blackboard site.

Online Blackboard site: this provides an interactive environment for you and teachers. Reliable and regular access to the Internet is required.

Further details are provided in the [Course Profile](#):

http://www.uq.edu.au/study/course.html?course_code=PUBH7617