



**Institute for International
Health & Development**

INTRODUCTION TO HEALTH ECONOMICS

Institute of Medicine (IOM) – Tribhuvan University, Kathmandu, Nepal

Draft timetable (subject to change)

1. For IOM: 25 March– 4 April 2014

Course team

Lecturers: to be confirmed (TBC)

Course timetable

The course lasts ten days. Each day is based on four sessions of 1.5 hours with breaks in the morning and the afternoon and a break for lunch.

Day 1: Tuesday, 25 March

Lecture by: TBC

Introduction to course; Efficiency

09.00-10.30	Introduction to course Introduction to health economics Defining efficiency in the health sector
10.30-11.00	<i>Break</i>
11.00-12.30	The three main elements of efficiency Pareto efficiency
12.30-13.30	<i>Lunch</i>
13.30-15.00	Marginal analysis
15.00-15.30	<i>Break</i>
15.30-17.00	Marginal analysis exercise

Day 2: Wednesday 26 March**Lecture by: TBC****Equity and Demand**

09.00-10.30	What is equity? Health outcomes Measuring socio-economic status
10.30-11.00	<i>Break</i>
11.00-12.30	Measuring inequalities in health Benefit incidence analysis
12.30-13.30	<i>Lunch</i>
13.30-15.00	The demand curve Elasticity of demand Demand shifters
15.00-15.30	<i>Break</i>
15.30-17.00	Demand for health services

Day 3: Thursday, 27 March**Lecture by: TBC (until approximately 12.00)****Supply and market fundamentals**

09.00-10.30	How producers function Analysing supply Supply of health services Supply of health services: examples
10.30-11.00	<i>Break</i>
11.00-12.30	Incentives and provider behaviour
12.30-13.30	<i>Lunch</i>
13.30-15.00	Interaction of supply and demand
15.00-15.30	<i>Break</i>
15.30-17.00	Fundamentals of markets The conditions for competitive markets

Day 4: Friday, 28 March**Lecture by: TBC****Market failure**

09.00-10.30	Why some markets fail in the health sector Positive and negative externalities Public goods
10.30-11.00	<i>Break</i>
11.00-12.00	Informational asymmetry, agency and supplier induced demand Monopoly, Role of government
12.00-13.00	<i>Lunch</i>
13.30-15.00	Exercises on demand, supply and markets
15.00-15.30	<i>Break</i>
15.30-17.00	Exercises on demand, supply and markets

Day 5: Sunday, 30 March**Lecture by: TBC****National Health Accounts**

09.00-10.30	National Health Accounts
10.30-11.00	<i>Break</i>
11.00-12.30	National Health Accounts
12.30-13.30	<i>Lunch</i>
13.30-15.00	National Health Accounts exercise
15.00-15.30	<i>Break</i>
15.30-17.00	National Health Accounts exercise continued

Day 6: Monday, 31 March**Lecture by: TBC****Economic evaluation**

09.00-10.30	What is economic evaluation? The different types of economic evaluation
10.30-11.00	<i>Break</i>
11.00-12.30	QALYs and DALYs
12.30-13.30	<i>Lunch</i>
13.30-15.00	Monetary measures of health benefits
15.00-15.30	<i>Break</i>
15.30-17.00	Economic evaluation as a framework for decision making

Day 7: Tuesday, 1 April**Lecture by: TBC****Health financing**

09.00-10.30	Health care spending The three functions of health finance
10.30-11.00	<i>Break</i>
11.00-12.30	General revenue Insurance
12.30-13.30	<i>Lunch</i>
13.30-15.00	Community financing Out-of-pocket payments and user fees
15.00-15.30	<i>Break</i>
15.30-17.00	External sources of finance Impact of health financing on equity

Day 8: Wednesday, 2 April**Lecture by: TBC****Health financing exercises; Macroeconomics and health**

09.00-10.30	Health financing exercise
10.30-11.00	<i>Break</i>
11.00-12.30	Health financing exercise continued
12.30-13.30	<i>Lunch</i>
13.30-15.00	Macroeconomics and health
15.00-15.30	<i>Break</i>
15.30-17.00	Macroeconomics and health

Day 9: Thursday, 3 April

Lecture by: TBC

Risk pooling; Health care provision

09.00-10.30	Risk pooling General revenue based systems Social health insurance
10.30-11.00	<i>Break</i>
11.00-12.30	Community health insurance Private health insurance
12.30-13.30	<i>Lunch</i>
13.30-15.00	Provider payment methods Hospital payment methods
15.00-15.30	<i>Break</i>
15.30-17.00	Contracting The effect of payment systems on patients

Day 10: Friday, 4 April

Lecture by: TBC

Universal Health Coverage; Conclusion to course

09.00-10.30	Towards Universal Health Coverage in low income countries
10.30-11.00	<i>Break</i>
11.00-12.30	Towards Universal Health Coverage in Nepal
12.30-13.30	<i>Lunch</i>
13.30-15.00	Towards Universal Health Coverage in Nepal
15.00-15.30	<i>Break</i>
15.30-17.00	Conclusion to course