

## Discipline Specific Elective 8 (DSE-8): Economics of Health

Semester	Course title & Code	Credits	Duration (per week)			Eligibility Criteria	Prerequisite
			Lecture	Tutorial	Practical/ Practice		
V/VII	Economics of Health– ECON038	4	3	1	0	Class 12th Pass	Introductory/Principles of Microeconomics

### Learning Objectives

The Learning Objectives of this course are as follows:

- Health is important not only for human well-being but also for economic growth. This course provides a framework to understand the need for the study of health economics and the relationship of health with the GDP of a nation.
- The course also looks at the determinants of health, the demand for health and the need for government intervention in provision of health care. Economic evaluation / health technology assessment is also covered in the course.

### Learning outcomes

The Learning Outcomes of this course are as follows:

- The students will learn the economic dimensions of health, determinants of health and microeconomic tools for the study of health care and expenditure.
- The course will enable the students to apply the theory to understand the various policies and market mechanisms in the field of health care. They will also be equipped with the fundamental techniques of economic evaluation of health interventions.

### Syllabus

#### UNIT I: Health Economics (12 hours)

Significance and linkages with the economy:

The need for health economics as a discipline of study, importance of health in the development of an economy and its relationship with macroeconomic performance

#### UNIT II: Theoretical foundations of Health Economics (12 hours)

Demand for health and health care services, determinants of health, market failure and rationale for public intervention; and health insurance

#### UNIT III: Economic Evaluation of Health Sector (12 hours)

Cost-effective Analysis, cost-benefit analysis, cost-utility analysis

#### UNIT IV: Health Systems (9 hours)

An overview of international health systems and Indian experiences, and healthcare financing

### Recommended readings

- Phelps, C. E. (2017). Health economics. Routledge
- Jay Bhattacharya Timothy Hyde Peter Tu (2014), Health Economics, Palgrave Macmillan
- William, Jack. (1999) Principles of Health Economics for Developing Countries, World Bank

Institute Development Studies.

- Glied, S., & Smith, P. C. (Eds.). (2013). *The Oxford Handbook of Health Economics*. Oxford University Press.
- *Situational Analysis: Backdrop to the National Health Policy 2017*, Ministry of Health and Family Welfare, Government of India
- Mills, A., & Hsu, J. (2014), “Health services in low-and middle-income countries: financing, payment, and provision”, *Encyclopedia of Health Economics*, pp 422- 434

**Note: Examination scheme and mode shall be as prescribed by the Examination Branch, University of Delhi, from time to time.**