

UNIVERSITY OF MADRAS
B.A. DEGREE PROGRAMME IN ECONOMICS
 SYLLABUS WITH EFFECT FROM 2023-2024

SECOND YEAR-SEMESTER – IV

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
204E4B	HEALTH ECONOMICS	Generic Elective-IV					3	3	25	75	100
Learning Objectives											
C1	To understand the importance of health sector in economic development										
C2	To evaluate the components of demand and supply of health care										
C3	To Understand the importance of Health Indicators.										
C4	To evaluate the components of Demand of Healthcare.										
C5	To examine the review the existing Health Infrastructure.										
UNIT	Contents								No. of Hours		
I	Introduction to Health Economics Health and Economic Development - Determinants of Health - Health Indicators – Birth Rate – Fertility – Morbidity – Mortality – IMR – CMR – MMR – Disability Adjusted Life Year (DALY) – Sex Ratio-Quality Adjusted Life Year (QALY) - AmartyaSen’s Capability Approach.								15		
II	Demand for Health Care Demand for Health Care Services – Preference for Health Care using Indifference Curves – Budget Constraints – Income and Price Effects for Health Care – Elasticity of Demand for Medical Care.								15		
III	Supply of Health Care Supply of Health Care Services – Physicians and Medical Personnel as Health Care Providers – Non Labour Inputs – Hospitals – Interaction of Demand and Supply of Health Care.								15		
IV	Health Infrastructure Health Infrastructure – Rural – Urban –Government Programmes - Preventive, Promotive and Curative Health Care Services - Health Allocation in Budget								15		
V	Health Services and Medical Insurance Health Insurance -Types of Insurance Policies in India- Medical Ethics -Medical Tourism.								15		
Total									75		

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Course Outcomes		Programme Outcomes
CO	On completion of this course, students will	
1	Understand the importance of Health Indicators.	PO1,PO2
2	Evaluate the components of Demand of Healthcare.	PO3,PO6,PO8
3	Analyze the importance of Supply of Healthcare Services.	PO2,PO6,
4	Review the Existing Health Infrastructure and Budget Allocation.	PO1,PO2,PO8
5	Trace the growth of Medical Tourism in India and understand the need for Health Insurance.	PO1,PO2, PO3,PO4
Textbooks		
1	Xamer Martinez Giralt (2010), “Principles of Health Economics”, Routledge, 2010	
2	Banerjee, D. (1975), social and Cultural Foundations of Health Service Systems of India, Inquiry, Supplement to Vol. XII, June 1975	
3	Jay Bhattacharya, Timothy Hyde and Peter Tu, “ Health Economics”, Palgrave Macmillian, 2014	
4	Peter Zweifel, Friedrich Breyer, Mathias Kifmann, “Health Economics, Springer Berlin Heidelberg, 2009	
5	Barbara McPake, Charles Normand, Charles E. M. Normand, “ Health Economics: An International Perspective”, Routledge, 2008	

Reference Books	
1.	Himanshu Sekhar Rout and Prasant Kumar Panda (2010) Health Economics in India
2.	Edwin G Dolan and John C Goodman
3.	D. Amutha (2016) “A Textbook of Health Economics”, Edition 1, Mangalam Publishers and Distributors, Chennai.
4.	Charles E. Phelps, Health Economics”, Routledge, 2017
5.	Jan Abel Olsen, “Principles in Health Economics and Policy”, OUP Oxford, 2017
Web Resources	
1.	www.census.org
2.	www.NFHS.org
3.	www.NSSO.org
4.	https://tnhealth.tn.gov.in/
5.	https://tnhealth.tn.gov.in/

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Mapping with Programme Outcomes:

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	3	3	3	3	3	3	3	3
CO 2	3	3	2	3	3	3	3	3
CO 3	3	3	3	3	2	3	3	3
CO 4	3	2	3	3	3	2	3	3
CO 5	3	3	3	3	3	3	2	3
Weightage	15	14	14	15	15	14	14	15
Weighted percentage of course contribution to POS	3.0	2.8	2.8	3.0	3.8	2.8	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1

Level of Correlation between PSO's and CO's

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	1	3	1
CO2	2	2	2	2	2
CO3	2	3	2	3	2
CO4	3	3	3	3	2
CO5	3	3	2	3	3
Weightage	13	14	10	14	10
Weighted percentage of Course Contribution to PSOs	2.6	2.8	2	2.8	2

Strong-3 M-Medium-2 L-Low-1