



KAUTILYA SCHOOL OF PUBLIC POLICY

GITAM (Deemed to be University)

Rudraram, Patancheru Mandal

Hyderabad, Telangana 502329

Course Code: PPOL6201	Course Title: Global Public Health	
Trimester: 3	Course Type: Elective	Credits: 3
Home Program(s): MPP	Batch/Academic Year: 2023-2025	
Course Lead: Dr Kanica Rakhra, Faculty from IIPH	Assigned T/RA: Ms. Sreshtha Majumdar	

Course Description

Public health as a concept has evolved over time- at a global, regional and national level. The emergence of DIY (Do It Yourself) labs, the explosion of information on the internet, and the COVID-19 pandemic are some examples that have deeply impacted global and national policies related to public health. More specifically, the overlap between the national and global policies on health and adequate healthcare provision are now intertwined in a manner that impacts State sovereignty. In this course, students will be introduced to important ways of conceiving how public health is increasingly a global policy concern. To this end, they will be exposed to basic epidemiological concepts to grasp the significance of global interconnectedness, the consequences of such multilateral interdependencies, and its impact on national decision making. This would further their understanding on transmission potential and appraise them on the extant disparities in terms of variable disease burdens, infrastructure challenges, and inequities outlining healthcare systems. The course would also touch on traditional health mechanisms in Asia and how they impact policy decisions. The course is designed to equip students with the knowledge and skills to choose solutions through evidence-based strategies for policy design and implementation.

Learning Objectives

1. Understand the semantic underpinnings of public health as a global phenomenon
2. Describe basic epidemiological concepts relevant to and in support of effective policy design
3. Discuss the impact of global health disparities in terms of the interconnectedness of both disease transmission and its remediation through new methods and healthcare technologies
4. Understand the differing national and global policies on public health
5. Articulate the significance of personnel development and pharmacological sciences for comprehensive improvements in healthcare provision
6. Develop appropriate response strategies to contemporary health crises (introduced through case studies) based on grounded well-founded evidence

Learning Outcomes

1. Analyze and evaluate complex policy and organizational challenges at both the micro level and at higher levels within health care systems



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2. Understand core concepts of epidemiology and basic principles of policy design based on them
3. Appreciate international interdependencies for health crises and their remediation through global cooperation
4. Explore areas of global cooperation on public health, including for healthcare supply chain improvements, infrastructure and personnel training and upskilling programs

Assessment Rubric

- Presentation after the end of Unit 2
- Class participation (15 marks): Students must engage in class and listen attentively.
- Attendance (15 marks)

Classroom Etiquette

The consumption of food and the use of laptops, tablets, smartphones, and other addictive electronic devices are not allowed. If you are unable to take notes by hand, please discuss an alternative arrangement with the teaching team. If you have been authorized to use a tablet, make sure you are disconnected from the Internet. Phones must be turned off at the start of class.



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Course Schedule

Unit I	Sessions: 6	What is 'Global' about 'Public Health'? (Dr. K Rakhra)
Defining Global Public Health in the context of the debate on 'Global Public Goods' Different country approaches to Public Health. Region Specific Issues v/s Global Issues		
Unit II	Sessions: 4	Global Health & Finance
(PV Ramesh) (4 Sessions)		
Unit III	Sessions: 6	Confronting Global Health Disparities (IIPH)
Movement for Global Mental Health - Indian Context (Dr. Nanda Kishore K) (1 Session) Cross-cutting health concerns and impact on national health priorities Pharmaceutical Supply Chains: Drug Availability During Crises and Supply Chain Planning and Management Infrastructure Challenges, Supply Chain Issues, and Procurement of Lifesaving Medicines Health Care Diplomacy and Saving Lives (Mr. Neeraj Jain) (2 Sessions) What is Disease Burden and Why does it Matter for Prioritizing Health Care Policies? Disease Transmission Potential and case for International cooperation (Dr. Nirupama AY) (2 sessions) Digital Health (1 session)		
Unit IV	Sessions: 4	Case Studies and Solutions (IIPH)
Climate Change and Global Health (Dr. Nanda Kishore K) (1 session) Non-Infectious Disease Management and Global Knowledge Exchange (Dr. Sirshendu Chaudhari) (2 Sessions) Curtailing Risky Health Behaviours and Policy Control (Dr. Gawri Iyer) (1 session)		
Unit V	Sessions: 2	Public Health Challenges (Dr. K Rakhra)
Synthetic Drugs & Biohazards (1 Session) Food & Public Health: Impact on War (1 session) Course review (1 session)		



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Textbooks and Course Materials

Vikram Patel, Pamela Y. Collins, The Movement for Global Mental Health (Royal College of Psychiatrists, 2011)

K.S. Jacob, Movement for Global Mental Health: The crusade and its critique (National Medical Journal of India,2016)

Hiroki Nakatani, Global Strategies for the Prevention and Control of Infectious Diseases and Non- Communicable Diseases (J Epidemiol, 2016)

Vikram patel, John Copeland, The great push for mental health: why it matters for India (Indian J Med, 2011)

Report of the Secretary General, Our Common Agenda (United Nations All, 2021)
Michael D. Dzandu, Buddhi Pathak, Diy laboratories, their practices, and challenges – a systematic literature review (Taylor & Francis, 2021)

Dorothy Porter, Health, Civilisation and the State: A history of public health from ancient to modern times (Routledge, 1999)

Cecilia Albin, Negotiating International Cooperation: Global Public Goods and Fairness (Review of International Studies, 2003)

David P. Fidler, The Globalization of Public Health: Emerging Infectious Diseases and International Relations (Indiana Journal of Global Legal Studies, 1997)

Kate Linebaugh, Tech-Savvy Families Use Home-Built Diabetes Device (WSJ, 2023)

Alessandra Ossola, The Biohackers are creating Open Source insulin (Popular Science ,2015)

Vijay Kumar Chattu, Bawa Singh, Jaspal Kaur and Mihajlo Jakovljevic, COVID-19 Vaccine, TRIPS, and Global Health Diplomacy: India's Role at the WTO Platform (BioMed Research International, 2021)

The Author(s), WHO's pandemic treaty: promises of equity should be kept (Elsevier Ltd, 2023)

Fourth meeting of the Intergovernmental negotiating body to draft and negotiate a WHO Convention on Pandemic Prevention, Preparedness and Response, Zero draft of the WHO



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CA+ for the consideration of the Intergovernmental Negotiating Body at its fourth meeting (WHO, 2023)

WHO, Global strategy on digital health 2020-2025 (WHO, 2021)

Bruce A Larson, Calculating disability-adjusted-life-years lost (DALYs) in discrete-time (Larson Cost Effectiveness and Resource Allocation, 2013)

International Health Regulations Monitoring and Evaluation Framework, Joint External Evaluation Tool (IHR, 2005)

International Health Regulations, State Party Self Assessment Reporting Tool (IHR, 2005)
India's Vaccination Drives (Vision IAS, 2021)

Nurith Aizenman, The goal: at least 40% vexed in all nations by year end (NPR, 2021)

Khan Sharun, Kuldeep Dhama, India's role in COVID-19 vaccine diplomacy (Journal of Travel Medicine, 2021)

Ministry of Health and Family Welfare, Export of Vaccine to other Nations (PIB, 2021)

WHO, Update on Covid-19 vaccines & immune response (WHO, 2023)

Mohammed Zeeshan, India Still has an Opportunity With Vaccine Diplomacy (The Diplomat, 2021)

Handbooks (ebooks)

The LSE Companion to Health Policy, DOI: <https://doi.org/10.4337/9781781004241>

Handbook on Gender and Health, DOI: <https://doi.org/10.4337/9781784710866>

The Political Economy of Health and Healthcare, <https://doi.org/10.1017/9781108653015>