

Batch 2024-25

# Syllabus

2<sup>nd</sup> Semester

**Master of Public Health**

# **GURUGRAM UNIVERSITY, GURUGRAM**

**(Established under Haryana Act 17 of 2017)**

**MASTER OF PUBLIC HEALTH  
(COMMUNITY MEDICINE)  
(Two Year Post Graduate Program)**

**(Structure & Syllabi)**

Effective from the Academic Session- 2024-26



**Department of Public Health  
Faculty of Life Sciences  
Gurugram University  
Gurugram-122018  
HARYANA (INDIA)**

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27/01/25

**Semester 2**

CourseID	CourseTitle	CourseID	L	T	P	L	T	P	TotalCredits	MARKS				
			(Hrs.)			Credits				TI	TE	PI	PE	Total
<b>CoreCourse(s)</b>														
CC-A04	Sociology and Community Health	MPH 121	4			4			4	30	70			100
CC-A05	Nutrition	MPH 122	4			4			4	30	70			100
CC-A06	Medical and Psychiatric Social work	MPH 123	3		2	3		1	4	25	50	05	20	100
<b>Discipline Specific Elective Courses(Select anyone course from the following)</b>														
DSE-01	Research Methodology	MPH 124	3						3	25	50			75
<b>Multidisciplinary Course(s)</b>														
MDC-01	One from the Pool		3						3	25	50			75
<b>Ability Enhancement Course(s)</b>														
AEC-01	One from the Pool		2						2	15	35			50
<b>Skill enhancement Course(s)</b>														
VAC-01	One from the Pool		2						2	15	35			50
<b>Total Credits</b>									<b>22</b>					<b>550</b>

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# Master of Public Health

## Title

The title of the course shall be Master of Public Health (Community Medicine).

## Objective

The main aim of the Master of Public Health (Community Medicine) programme is to train the persons in community and health, professionals to apply the knowledge of Community Medicine and Public Health to community, health care delivery, research and population based community health initiatives. Our ultimate purpose to train our graduates to think always in terms of Community Health, Health Promotion and Community Disease Prevention.

## Duration

The total duration of the course shall be of two years, spread over in four semesters.

*Nature:* Budgeted

*Number of Seats:* 20

*Eligibility:* Any graduate in any stream of any recognized university in India and Abroad.

*Admission Policy:* As per University norms

## Eligibility

Any graduate with three-year degree in any stream shall be eligible for admission to the course.

## Admission Policy:

As per University norms.

## Course Content

The curriculum will be divided in to two parts:

(1) Theory Papers

(2) Field Work Practicum

Field work practicum includes weekly conference as categorized below-

- 1) Individual Conference (IC)- Must be attended by student under the concern Field supervision (Teacher) every week
- 2) Group Conference (GC)- Student must attend group conference on weekly basis under the field supervision.

**Detailed Syllabus****Semester II****Sociology and Community Health****(Credit 4)****Unit-I**

-Sociology: Concept, Meaning, Nature &amp; Scope

-Concept in Sociology relating to Health

**Unit-II**

-Social Institutions. Family , Group and Community

-Role of Family in Community Health

**UNIT-III**

-Community Health Concept, Meaning and Scope

-Social Medicine

- Community Diagnosis

- Community Treatment

**UNIT-IV**

- Clinico-Social Evaluation of the Individual: In relation to Socio-Economic and Cultural Aspects

- Attitude towards Health, Disease and Health services

-Identification of Social Factors in relation to Health and Diseases: Urbanization. Industrialization

**Books:**

- > David Wainwright, A Sociology of Health, Sage Publication 2008
- >SundarLal, Adarsh, Pankaj, Textbook of Community Medicine (Preventive & Social Medicine), CBS Publishers, New Delhi
- > K. Park, Textbook of Preventive & Social Medicine, BanarsidasBhanot Publishers Jabalpur India
- Piyush Gupta, O.P. Ghai, Textbook of Preventive & Social Medicine CBS Publishers, New Delhi
- James F. Mckenzie, Robert R. Pinger, Jerome E. Kotecki, An Introduction to Community Health (Fifth editioJones and Bartlett Publisher, USA 2005.
- Carol Holtz, Global Health care:Issues& Policies Jones and Bartlett Publisher, USA 2008.
- Surendra Singh, P.D. Mishra, Health and Disease: Dynamics and Dimensions, New Royal Book Company 20(
- Mary Jane Schneider, Introduction to Public Health, Jones and Bartlett Publisher, USA 2004
- Social Problems (selection from Co Researcher) sage Publication 2008
- Sandro, Galia and David Vlahov-Handbook of Urban health, Springer
- N i lam bar Mukherjee-A textbook of Social Psychology, wisdom Press 2012




**Nutrition****(Credit 4)****Unit-I**

- Nutrition: Concept and its role in Human Health -Food Nutrition & Health

-Classification of Nutrients and its sources -Balance Diet

**UNIT-II**

-Nutritional Deficiency Diseases and others Nutritional Problems

-Maternal Malnutrition

-Nutrient Deficiency Control Program

**Unit-III**

-Assessment of Nutrient Status

-Supplementary Feeding Program

-Dietary Management

**Unit-IV**

-Food Budgeting

-Food Selection, Food Storage

-Food Preservation Food Safety

**Books:**

- Jane B Mrgan, John W. T. Dickson , Nutrition in early Life, Jon Wiley 2003 Camden Flath, Nutrition a Science, Alpha House Publishing, New York 2009
- .Zachary Chastian, Nutrition & Society, Alpha House Publishing, New York
- Mukesh Mittal-Diet Nutrition and Health, Aadi publication 2011
  
- K. Park, Textbook of Preventive & Social Medicine, Banarsidas Bhanot Publishers Jabalpur India
- Sundar Lal, Adarsh, Pankaj, Textbook of Community Medicine (Preventive & Social Medicine), CBS Publishers, New Delhi
- Piyush Gupta, O.P. Ghai, Textbook of Preventive & Social Medicine CBS Publishers. New Delhi

Medical Social Work- Concept, principles and its scope.

**Unit-II**

Medical and Psychiatric Social Work: Retrospect and Prospect  
– Role of Medical Social work in various medical setting

**Unit-III**

-Psychiatric Social Work: Concept, roles, functions and scope  
-Role of Rehabilitation and Counseling Centre

**Unit-IV**

-Application of Psychiatric Social Work in different setting-Mental Hospital, child guidance clinic.

**Books:**

- K. Park, Textbook of Preventive & Social Medicine, Banarsidas Bhanot Publishers Jabalpur India Marc Berg, Health Information Management, Routledge
- Sundar Lal, Adarsh, Pankaj, Textbook of Community Medicine (Preventive & Social Medicine), CBS Publishers, New Delhi
- Piyush Gupta, O.P. Ghai, Textbook of Preventive & Social Medicine CBS Publishers, New Delhi
- Oxford's Textbook of Public health, Fifth edition, Vol. 1,2,3
- David Seed house: Health Promotion- Philosophy, Prejudice and Practice, John Wiley & Sons Ltd. 2006

**Unit I: Introduction to Research and Reporting Practices**

Nature and Scope of Research- Conceptual Foundations; Over view of the research process; Introduction to the concepts and procedures of research in detail. Uses of research in public health, Formulation of research problems, writing research questions.

**Unit II: Literature Review and Research Proposal**

Review of Literature - Literature review and its importance in research; theoretical framework for reviewing the literature; linking what it is proposed to examine and what has already been studied, Writing Research Proposal – Contents of Research Proposal, Measurement Procedures, Structure of the Report, Problems and Limitations Format and contents, Rationale of Research

**Unit III: Research Design**

Research Design: Various approaches and Strategies - Main research approaches; Research Designs based on the nature of the problem/investigation; Techniques of data collection; Concepts of Validity and Reliability; Ethical issues implied in the research design.

Sampling Methods - Need for Sampling; Sample designing process; Sampling Techniques; Non-probability versus Probability Sampling Techniques

**Unit IV: Questionnaire Design and Data Collection Method**

Data Collection Methods - Types of data – Primary data versus Secondary data; Methods of data collection- Survey methods (Focus Group Discussions (FGDs), Questionnaires, Personal Interview, Telephonic Survey, Electronic Media) Measurement and Scaling - Measurement –Types of data; Criteria for good measurement; Types of Measurement Scales; Attitude and Behavioral Scales

**Unit V: Hypothesis Formulation and Testing**

Hypothesis Testing - What is a hypothesis? Characteristics of a good hypothesis; Null and alternate hypothesis, level of significance, decision rules, Type 1 & Type 2 errors and one-tailed and two-tailed tests; Hypothesis testing procedure; Choosing the statistical method; Types of tests; Basic tests on small and large samples; Applications based on Z-test, t-test, Chi square tests, Applications based on Non-parametric tests, ANOVA (F-Test), Multiple Regression Analysis

### **Unit VI: Report Writing**

Research Report Writing - Basic requirements of report writing and report format; meeting the necessary assessment criteria; Citations-In-text citation and referencing, Bibliography; Impact Factor of the Journal

#### **Reference readings:**

1. Public Health Research Methods by Greg S. Guest, Emily E. Namey, 1<sup>st</sup> Edition by Sage publications (2015)
2. Handbook for Team-based Qualitative Research by Guest, Greg, and Kathleen M. MacQueen, eds. Lanham: Altamira, 2008.
3. Research methodology by Mahajan Designing and conducting health surveys, Jossey\

