

Study Plan of Master of Public Health

Study Plan of MPH with Specialization in HCM/ Epidemiology/ OHS

First Semester (Compulsory Courses):

No.	Course code	Course title	Credit hours			Pre-requisite
			Total	Theoretical	Practical	
1	MPUBH600	Health Care Management	2	2	0	--
2	MPUBH601	Fundamentals of Biostatistics	2	1	1	--
3	MPUBH602	Fundamentals of Epidemiology	2	2	0	--
4	MPUBH603	Environmental Health Sciences	2	2	0	--
5	MPUBH604	Social and Behavioral Sciences	2	2	0	--
6	MPUBH605	Introduction to Public Health	2	2	0	--
Total			12	11	1	

I. Specialization in Health Care Management (HCM)

Second Semester (Specialized Courses):

No.	Course code	Course title	Credit hours			Pre-requisite
			Total	Theoretical	Practical	
1	MPUBH606	Healthcare Finance	2	2	0	--
2	MPUBH607	Public Health Quality Management	2	2	0	--
3	MPUBH608	Leadership and Organizational Behavior	2	2	0	--
4	MPUBH609	Methods in Health Services Research	2	1	1	MPUBH601
5	MPUBH610	Public Health Policies	2	2	0	--
Total			10	9	1	

Third Semester (Specialized Courses):

No.	Course code	Course title	Credit hours			Pre-requisite
			Total	Theoretical	Practical	
1	MPUBH611	Strategic Management for health care organizations	2	2	0	--
2	MPUBH612	Health Care Marketing	2	2	0	--
3	MPUBH613	Public Health Ethics and Laws	2	2	0	--
4	MPUBH614	Health Economics	2	2	0	--
6	MPUBH615	Field Work for Health Care Management	2	0	2	MPUBH600 MPUBH607 MPUBH608
Total			10	8	2	

Fourth Semester: (Thesis / Elective Courses in HCM):

No.	Course code	Course title	Credit hours			Pre-requisite
			Total	Theoretical	Practical	
1	MPUBH699	Thesis/ Dissertation	6	0	6	MPUBH609
OR						
2		Elective Courses (Only three elective courses will be selected)	6	6	0	--
Grand Total			38			

Elective Courses of HCM Specialization

No.	Course code	Course title	Credit hours			Pre-requisite
			Total	Theoretical	Practical	
1	MPUBH616	Project Management in Healthcare	2	2	0	MPUBH600
2	MPUBH617	Essentials of Management Consulting	2	2	0	MPUBH600 MPUBH606 MPUBH608 MPUBH611 MPUBH612
3	MPUBH618	Health Promotion	2	2	0	--
4	MPUBH619	Health Care Operations Management	2	2	0	MPUBH600
5	MPUBH620	Health Information Management and Technology	2	2	0	--
6	MPUBH621	Human Resources Management	2	2	0	MPUBH600
7	MPUBH622	Health Program Planning and Evaluation	2	2	0	MPUBH600
8	MPUBH623	Evidence-Based Public Health Practice	2	2	0	MPUBH609

II. Specialization in Epidemiology

Second Semester (Specialized Courses):

No.	Course code	Course title	Credit hours			Pre-requisite
			Total	Theoretical	Practical	
1	MPUBH624	Epidemiology of Communicable Diseases	2	2	0	--
2	MPUBH625	Epidemiology of Chronic Diseases	2	2	0	--
3	MPUBH626	Advanced Epidemiology	2	2	0	MPUBH602
4	MPUBH627	Research Methodology in Epidemiology	2	1	1	MPUBH601
5	MPUBH628	Applied Multivariable Regression Analysis	2	1	1	MPUBH601
Total			10	8	2	

Third Semester (Specialized Courses):

No.	Course code	Course title	Credit hours			Pre-requisite
			Total	Theoretical	Practical	
1	MPUBH629	Clinical Trials	2	1	1	MPUBH628
2	MPUBH630	Ethics in Epidemiology	2	2	0	--
3	MPUBH631	Health Data Management	2	1	1	MPUBH601
4	MPUBH632	Epidemiology Surveillance and Geographic Information System	2	2	0	MPUBH626
5	MPUBH633	Field Work for Epidemiology	2	0	2	MPUBH626
Total			10	6	4	

Fourth Semester**(Thesis / Elective Courses of Epidemiology):**

No.	Course code	Course title	Credit hours			Pre-requisite
			Total	Theoretical	Practical	
1	MPUBH699	Thesis/ Dissertation	6	0	6	MPUBH627 MPUBH629
OR						
2		Elective Courses (Only three elective courses will be selected)	6			
Grand Total			38			

Elective Courses of Epidemiology

No.	Course code	Course title	Credit hours			Pre-requisite
			Total	Theoretical	Practical	
1	MPUBH634	Demography	2	2	0	MPUBH633
2	MPUBH635	Nutritional Epidemiology	2	2	0	MPUBH633
3	MPUBH636	Pharmacoepidemiology	2	2	0	MPUBH633
4	MPUBH637	Cancer Epidemiology	2	2	0	MPUBH633
5	MPUBH638	Infection control	2	2	0	MPUBH633
6	MPUBH639	Molecular and Genetic Epidemiology	2	2	0	MPUBH633

III. Specialization in Occupational Health and Safety (OHS)

Second Semester (Specialized Courses):

No.	Course code	Course title	Credit hours			Pre-requisite
			Total	Theoretical	Practical	
1	MPUBH640	Principles of Occupational Hygiene	2	1	1	--
2	MPUBH641	Principles of Occupational Safety	2	1	1	--
3	MPUBH642	Fundamentals of Occupational Health	2	1	1	--
4	MPUBH643	Occupational Toxicology	2	1	1	--
5	MPUBH644	Research Methodology in Occupational Health and Safety	2	1	1	MPUBH601
Total			10	5	5	

Third Semester (Specialized Courses):

No.	Course code	Course title	Credit hours			Pre-requisite
			Total	Theoretical	Practical	
1	MPUBH645	Applied Biostatistics	2	1	1	MPUBH601
2	MPUBH646	Occupational Epidemiology	2	2	0	MPUBH602
3	MPUBH647	Occupational Health Laws and Ethics	2	2	0	--
4	MPUBH648	Introduction to Ergonomics	2	1	1	--
5	MPUBH649	Field Work for occupational Health and Safety	2	0	2	MPUBH640 MPUBH641 MPUBH642
Total			10	6	4	

Fourth Semester: (Thesis / Elective Courses of Occupational Health and Safety):

No.	Course code	Course title	Credit hours			Pre-requisite
			Total	Theoretical	Practical	
1	MPUBH699	Thesis/ Dissertation	6	0	6	MPUBH644
OR						
2		Elective Courses (Only three elective courses will be selected)	6			
Grand Total			38			

Elective Courses of Occupational Health and Safety

No.	Course code	Course title	Credit hours			Pre-requisite
			Total	Theoretical	Practical	
1	MPUBH650	Advanced Occupational Toxicology	2	2	0	MPUBH 643 MPUBH649
2	MPUBH618	Health Promotion	2	2	0	--
3	MPUBH651	Global Health	2	2	0	MPUBH649
4	MPUBH652	Back Safety	2	2	0	MPUBH649
5	MPUBH653	Risk Assessment	2	2	0	MPUBH649
6	MPUBH654	Occupational Psychology	2	2	0	MPUBH649
7	MPUBH655	Managing Safety and Health in Schools	2	2	0	MPUBH649
8	MPUBH656	Drugs and Alcohol at the Workplace	2	2	0	MPUBH649