



**M S RAMAIAH
UNIVERSITY OF APPLIED SCIENCES**

Programme Specifications

M.P.H

Batch 2020

**Faculty of Life and Allied Health
Sciences**

**Ramaiah University of Applied Sciences University House,
New BEL Road, MSR Nagar, Bengaluru – 560 054**

www.msruas.ac.in

 Programme Specifications: Master of Hospital Administration

Faculty	Faculty of Life and Allied Health Sciences (FLAHS)
Department	Allied Health Sciences
Programme	Master's in Public Health
HOD	Dr. Medha Joshi

1. Title of the Award

M.P.H

2. Modes of Study

Full-Time

3. Awarding Institution/Body

M.S. Ramaiah University of Applied Sciences – Bangalore, India

4. Joint Award

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5. Teaching Institution

Faculty of Life and Allied Health Sciences

M.S. Ramaiah University of Applied Sciences - Bangalore, India

6. Date of Programme SpecificationsMarch 28th 2019**7. Date of Programme Approval by the Academic Council of MSRUAS**March 28th 2019**8. Next Review Date**

August 2022

9. Programme Approving Regulatory Body and Date of Approval

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10. Programme Accrediting Body and Date of Accreditation

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11. Grade Awarded by the Accreditation Body

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12. Programme Accreditation Validity

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13. Programme Benchmark

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14. Rationale for the Programme

Public health is an essential part of any health system and is ultimately responsible for reducing health risks along with maintaining and improving health status in a community. India is ranked in the bottom quarter worldwide in terms of overall Sustainable Development Goals (SDG) health index which necessitates a well-trained public health workforce. There is a recognized need to initiate and appropriately strengthen public health education in the country in consort with considerable investment in public health. To this end training is needed to create effective public health professionals.

In 2012, the high level expert group for universal health coverage for India recommended strengthening of the health-sector management by supporting postgraduate courses in public health for health professionals. Along with this it has also been restated that the present health syllabi in the country are not abreast with the changing dynamics of public health, health policies and demographics. Despite the undeniable need to strengthen India's health workforce, MPH programmes are currently undersubscribed. Enrolled MPH students are not at present trained according to an explicitly stated, standardized competency frame work that is tailor made for an Indian context. Increased clarity on the role of MPH graduates in the context of India's public health infrastructure would help institutions to adjust their programmes and ensure graduates are equipped with the required skill-sets.

MPH programmes being offered in India have witnessed a rapid expansion in the past two decades. Unfortunately the supply and demand for public health graduates are not matched. Currently there are 44 institutions offering MPH programmes, out of which 26 are privately owned and 18 are in the public sector. Even though there is a recognized need to strengthen the public health workforce in India, there is no clearly defined career pathway for MPH graduates in the national public health infrastructure. This clearly implies that the Institutions and public health bodies must collaborate to design and deliver MPH programmes to address the identified competencies. These competencies are the ones defined in consultation with the experts at national and international level considering globalisation.

The MPH programme being offered under M. S. Ramaiah University of Applied Sciences (MSRUAS) has been developed in consultaion with relevant bodies and experts to enable the graduates to acquire the competencies to function as an effective workforce in the context. The graduates would be offered a sound fusion of many cross cutting disciplines like medicine, behavioural and social sciences, epidemiology, statistics, management, communication, environment, nutrition, law, and public policy to make them public health professions. This programme will be beneficial for those who seek to upgrade themselves in the field of public health and administrative tasks in health care organizations.

15. Programme Aim

The aim of the programme is to provide students with a multi-disciplinary experience encompassing the public health aspects in order to address the health needs of a community.

16. Programme Objectives

At the end of the programme, the student should be able to :

1. Discuss the principles and practices of epidemiology
2. Discuss the existing health care delivery systems
3. Apply the basic public health sciences, including epidemiology, health and policy administration, behavioural and social sciences, biostatistics, and environmental and occupational public health, to the prevention of illness and injury.
4. Apply contemporary ideas to influence program organization and management, problem solving and critical thinking in public health domain
5. Apply appropriate quantitative and qualitative tools and methods to conduct evidence based health policy analysis and program evaluation
6. Practice professionalism and ethics while functioning as a workforce in Public Health domain
7. Plan, optimise and allocate resources for addressing the challenges in Public Health
8. Plan evidence based public health programs and policies for addressing public health challenges
9. Conduct evaluation and research related to public health programs and policies

17. Intended Learning Outcomes of the Programme

The intended learning outcomes are listed under four headings:

1. Knowledge and Understanding, 2. Cognitive Skills, 3. Practical Skills and 4. Capability/ Transferable Skills.

17.1 Knowledge and Understanding

After undergoing this programme, a student will be able to:

- KU1: Explain the concepts and principles of epidemiology
- KU2: Describe public health and health care delivery systems
- KU3: Describe the health status and demographic profile of the population
- KU4: Explain and prioritize health issues in a population
- KU5: Identify immediate and long term health program goals at national, State and district levels

17.2 Cognitive Skills

- CS1: Discuss the financing and organization of the public health systems
- CS2: Discuss the public health policy challenges faced by the developing countries
- CS3: Critically analyse resource allocation for competing public health interests across programs
- CS4: Discuss epidemiological transitions of programs specific to each State within the country in order to prioritize public health challenges for policy making
- CS5: Identify and Analyse the methods to facilitate inter-sectorial coordination and public private partnership
- CS6: Use data to illuminate ethical, political, scientific, economic and overall public

health issues

After undergoing this programme, a student will be able to:

17.3 Practical Skills

After undergoing this programme, a student will be able to:

- PS1: Use appropriate data and statistical methods for problem identification and resolutions and for program planning, implementation and evaluation
- PS2: Apply conceptual framework to understand policy processes in health care
- PS2: Apply quality assurance and improvement techniques in health care delivery
- PS3: Formulate context appropriate policies and design programs to address public health challenges, effectively
- PS4: Analyse the quality of research findings and assess the applicability to a particular health policy

17.4 Capability /Transferable Skills

After undergoing the programme, a student will be able to

TS1:	Conduct the situational analysis and develop action plan including evaluation for identified public health issues
TS2:	Translate research knowledge for evidence based policy making
TS3:	Be an effective member of a multidisciplinary health team
TS4:	Practice professional excellence, scientific attitude and scholarship
TS5:	Demonstrate social accountability and responsibility

18. Programme Structure

The following are the courses a student is required to successfully complete for the award of the degree. The programme is delivered as per the Time-Table for every batch.

Credit Definition

- For theory classes: 1 credit is equivalent to 15 contact hours per semester or 1 hour per week for a 15 week semester.
- For laboratory / field work / workshops/project work and allied activities: 1 credit is equivalent to 30 contact hours. Per semester or 2 hours per week for a 15 week semester.

Semester 1

S. No.	Code	Course Title	Theory (h/W/S)	Practical (h/W/S)	Total Credits	Max. Marks
1	19MPH501A	Principles and Practice of Public Health	4	0	4	100
2	19MPH502A	Health Systems and Public Policy	5	0	5	100
3	19MPH503A	Health management	5	0	5	100
4	19MPH504A	Epidemiology (basics and applied)	3	4	5	100
5	19MPH505A	Biostatistics	2	2	3	100
6	19MPH506A	Demography and Population Science	3	0	3	100
Total			22	6	25	600
Total number of contact hours per week			28 hours per week			

Semester 2

S. No.	Code	Course Title	Theory (h/W/S)	Practical (h/W/S)	Total Credits	Max. Marks
1	19MPH507A	Health Economics	3	2	4	100
2	19MPH508A	Behavioural Science in Public Health	3	0	3	100
3	19MPH509A	Health programmes and policies	3	0	3	100
4	19MPH510A	Community Health Education	3	2	4	100
5	19MPH511A	Health promotion Approaches and Methods	4	0	4	100
6	19MPH512A	Programme Planning and Evaluation	3	0	3	100
7	19MPH513A	Environment and Health	2	0	2	100
8	19MPH514A	Law and Ethics in Public Health	2	0	2	100
Total			23	4	25	800
Total number of contact hours per week			27 hours			

Semester 3

S. No.	Code	Course Title	Theory (h/W/S)	Practical (h/W/S)	Total Credits	Max. Marks
1	19MPH515A	Public Health Administration	3	0	3	100
2	19MPH516A	Research Methodology- Qualitative and Quantitative Methods	3	2	4	100
3	19MPH5XXA	Elective Course -1	3	0	3	100
4	19MPH5XXA	Elective Course -2	3	0	3	100
5	19MPH517A	Health Care Leadership and Management	2	2	3	100
6	19MPH518A	Global Health	3	0	3	100
7	19MPH519A	Nutrition and Health	2	2	3	100
Total			19	6	22	800
Total number of contact hours per week			23 hours			

Semester 4

S.No.	Code	Course Title	Theory (h/W/S)	Practical (h/W/S)	Total Credits	Max. Marks
1	19MPH599A	Group Project			4	100
2	19MPH598A	Field Posting			4	100
3	19MPH600A	Dissertation			8	100
4	19MPH600A	Conference/Journal Publication			2	100
Total					18	400
Total number of contact hours per week			36 hours			
Total Credits			90 Credits			

Note: The Vacations and other activities shall be as per the Time-Table for the corresponding batch.

18. Programme Delivery Structure

A Programme is delivered from Monday to Saturday of the week as per the Time-Table for every batch.

19. Teaching and Learning Methods

The course delivery comprises of combination of few or all of the following:

1. Face to Face Lectures using Audio-Visuals
2. Case based learning
3. Workshops, Group Discussions, Debates, Presentations
4. Demonstrations
5. Guest Lectures
6. Laboratory/Field work
7. Industry Visit
8. Seminars/Conferences
9. Group Exercises
10. Project Exhibitions

20. Group Work

19MPH599A Group Project

Students will carry out a group project and each group shall have up to five students. The purpose of group project is to develop business plan for societal and environmental benefits of new product/services. The students are required to analyse and validate the benefits of proposed business plan through appropriate research methodology. In addition, students are expected to prepare a report for assessment and intellectual property rights of complete work lies with the University. The students are required to sign an agreement before the commencement of the project. The project should be approved by a committee of examiners before starting the project. Students can choose from the projects database available with the concerned department. The details and evaluation procedure is provided in Operation Manual / Student Handbook

- 21. 19MPH598A Field Posting:** Students will be posted in Primary Health Care centers, Community Health Care centers, Sub Centers, outreach centers in rural and urban areas, NGOs and Public Health Institutes to get an experiential learning on the social determinants, interplay of various factors deciding the health of the community, initiatives taken at the local, regional, international level to address the public health challenges.

22. Dissertation

19MPH600A - A student chooses a topic for dissertation from the database of projects available with concerned department. The detail procedure of executing and assessing individual project is available in the i-portal.

19MPH600A -A student can submit a paper and make a presentation in a conference which is approved by the department. The same paper shall be presented for assessment and the student

is required to make a presentation to a team of examiners for assessment.

- A student can publish a paper in a reputed journal relevant to the topic of research. The proof of submission and a copy of the paper shall be submitted to the department. It will be assessed based on a presentation to a team of examiners.

23. Assessment and Grading

A course assessment will have two components:

Component – 1 : Continuous evaluation- 50%

Component -2 : SEE- Examination-50%

For more details on the break-ups of weightage, please refer to the course Specifications.

A student is required to score a minimum of an overall of 40% (inclusive of component 1 and 2) for successful completion of a course and earning the credits.

Note: Final marks awarded in each of the courses will be confirmed only after SAB/PAB as explained in Academic Regulations of M.P.H. Programme.

24. Attendance

A student is required to have a minimum of 75% attendance to be eligible to write the examination. Less than 75% attendance is considered FAIL; such a student is required to follow the same procedure as that of a failed student.

25. Award of Class

As per the Academic Regulations for M.P.H. Programme.

26. Student Support for Learning

Student are given the following support:

1. Reference Books in the Library
2. Pre-reads and handouts
3. Cases/ Case Study and Caselets
4. Magazines and Journals
5. Internet Facility
6. Computing Facility
7. Laboratory Facility
8. Workshop Facility
9. Staff Support
10. Lounges for Discussions
11. Any other support that enhances their learning

27. Quality Control Measures

The following are the Quality Control Measures:

1. Review of Question Papers and assignment at the Department Level
2. Student Feedback
3. Opportunities for the students to see their assessed work
4. Review by External Examiners and External Examiners Reports
5. Staff Student Consultative Committee Meetings
6. Student Exit Feedback
7. Subject Assessment Board
8. Programme Assessment Board

28. Curriculum Map

Course Code	Intended Learning Outcomes											
	Knowledge and Understanding				Cognitive (Thinking) Skills (Critical, Analytical, Problem Solving, Innovation)				Practical skills			
	KU1	KU2	KU3	KU4	CS1	CS2	CS3	CS4	PS1	PS2	PS3	PS4
19MPH501A	X			X	X					X		
19MPH502A	X				X						X	
19MPH503A				X	X							X
19MPH504A	X		X			X				X		
19MPH505A	X	X	X	X	X	X	X		X	X		
19MPH506A	X	X	X	X	X		X	X		X	X	X
19MPH507A		X	X		X	X	X			X	X	X
19MPH508A		X				X						X
19MPH509A	X	X	X	X	X	X	X	X	X		X	X
19MPH510A			X	X	X	X	X	X	X	X	X	X
19MPH511A		X			X					X	X	
19MPH512A	X	X		X	X		X		X	X		X
19MPH513A	X	X		X	X	X		X			X	X
19MPH514A		X	X		X	X	X			X	X	X
19MPH515A		X		X	X		X		X	X		
19MPH516A	X	X	X	X	X	X	X		X	X		
19MPH5XXA		X		X	X			X	X		X	X
19MPH5XXA				X	X					X		
19MPH517A		X	X		X				X		X	X
19MPH518A		X			X	X	X			X		X
19MPH519A		X	X		X	X	X			X	X	X
19MPH599A	X	X	X	X	X	X	X	X	X	X	X	X
19MPH598A	X	X	X	X	X	X	X	X	X	X	X	X
19MPH600A	X	X	X	X	X	X	X	X	X	X	X	X
19MPH600A					X	X	X			X		X

29. Capability / Transferable Skills Map

Course Code	Group work	Self-learning	Research Skills	Written Communicati	Verbal Communicati	Presentation Skills	Behavioral Skills	Information Management	Personal management / Leadership Skills
19MPH501A		X		X	X	X	X		X
19MPH502A		X		X	X	X	X		X
19MPH503A	X	X	X	X	X	X		X	X
19MPH504A	X	X		X	X	X	X		X
19MPH505A	X	X	X	X	X	X	X	X	X
19MPH506A	X	X	X	X	X	X	X	X	X
19MPH507A	X	X		X	X	X	X	X	X
19MPH508A	X	X		X	X	X	X	X	X
19MPH509A	X	X	X	X	X	X	X	X	X
19MPH510A	X	X	X	X	X	X	X	X	X
19MPH511A	X	X		X	X	X	X		X
19MPH512A	X	X	X	X	X	X	X	X	X
19MPH513A	X	X	X	X	X	X		X	X
19MPH514A	X	X		X	X	X	X	X	X
19MPH515A	X	X	X	X	X	X		X	X
19MPH516A	X	X	X	X	X	X		X	X
19MPH5XXA	X		X	X	X	X		X	
19MPH5XXA	X			X	X	X	X		X
19MPH517A	X	X		X	X	X		X	X
19MPH518A	X	X		X	X	X		X	X
19MPH519A	X	X	X	X	X	X		X	X
19MPH599A	X	X	X	X	X	X	X		
19MPH598A	X	X		X	X	X	X	X	X
19MPH600A	X	X	X	X	X	X	X	X	X
19MPH600A	X	X	X	X	X	X	X	X	X

30. Co-curricular Activities

Students are encouraged to take part in co-curricular activities like seminars, conferences, symposium, paper writing, attending industry exhibitions, project competitions and related activities for them to enhance their knowledge and network

31. Cultural and Literary Activities

To remind and ignite the creative endeavors annual cultural festivals are held and the students are made to plan and organise the activities.

32. Sports and Athletics

Students are encouraged to develop a habit of taking part in outdoor and indoor games on a daily basis.