

**KHYBER MEDICAL UNIVERSITY
INSTITUTE OF PUBLIC HEALTH AND SOCIAL
SCIENCES
CURRICULUM OF BS PUBLIC HEALTH**



Figure 1 **HOLISTIC HEALTH SERVICE** Image may be subject to copyright "SERENITY GROVE WELLNESS CENTER"

Vision Statement

The BS Programme foresees to prepare a public health workforce, generate new knowledge, address social contributing factors for ill health, and leading to the implementation of new methodologies and strategies to improve the health of citizens of Pakistan and beyond.

Mission Statement

The mission of the Bachelor of Science in Public Health (BSPH) is to preserve, promote, and improve the health and well-being of populations, communities, and individuals.

Goal of the BSPH Programme

The BSPH programme aims to improve the health status of the population, which is to be achieved by providing professionals with a high quality of undergraduate training programme in public health sciences.

Objectives of the Programme

1. Produce competent, committed and skilled public health professionals.
2. Provide foundation for choosing a relevant Track in Public Health in future.
3. Prepare skilled workforce in public health auxiliary and support services
4. Prepare leadership in public health.
5. Develop, administer and evaluate health policies and programmes.
6. Participate directly in efforts to improve the health of the community using community-based and health systems' assessment of preventive services.
7. Conduct basic and applied research relevant to the description, risk factors and interventions for the resolution of health problems in the human populations.

The graduates of the BSPH programme will be prepared to;

1. Solve health-related problems within the financial, socio-cultural, environmental, ethical and political framework of Pakistan and its surrounding region.
2. Design, conduct, analyze and interpret the results of relevant studies, projects and programmes.
3. Plan, manage, and evaluate interventions in the field of public health.
4. Communicate public health messages to diverse audience effectively using diverse tools of communication.
5. Advocate simple public health interventions and practices with equity.

Core Competencies:

At the end of the program, the graduate is expected to:

1. Detect, prevent and manage common public health problems in Pakistan
2. Acquire basic computer skills
3. Supervise, monitor and manage public health issues
4. Be effective communicator

5. Practice and promote professional ethics
6. Conduct basic research and prepare reports
7. Analyze health system problems
8. Develop critical thinking and creativity
9. Create cultural context in which public health professionals work
10. Involve community dynamics and networking
11. Prepare for health advocacy, teamwork and leadership and professionalism

Admission Criteria:

- FSc/FA and equivalent with minimum 2nd division

Semester wise Distribution of Modules

| SEMESTER 1 | | | |
|-------------------|--------------|--|---------------------|
| S NO | Codes | Modules | Credit Hours |
| 1. | BSPH 601 | <i>English 1</i> | 02+01 |
| 2. | BSPH 602 | <i>Pakistan Studies</i> | 02 |
| 3. | BSPH 603 | <i>Mathematics</i> | 02+01 |
| 4. | BSPH 604 | <i>Life Sciences Biology</i> | 01+02 |
| 5. | BSPH605 | <i>Sociology of Health and Disease</i> | 02+01 |
| 6. | BSPH 606 | <i>Basic Computer Skills</i> | 02+01 |
| Total | | | 17 |

| SEMESTER 2 | | | |
|-------------------|--------------|---------------------------------|---------------------|
| S NO | Codes | Modules | Credit Hours |
| 7. | BSPH 607 | English 2 | 02+01 |
| 8. | BSPH 608 | <i>Ethics/Islamic Studies</i> | 02 |
| 9. | BSPH 609 | <i>Basic Statistics</i> | 02+01 |
| 10. | BSPH 6010 | <i>Principles of Psychology</i> | 02+01 |
| 11. | BSPH 6011 | <i>Medical Anthropology</i> | 02+01 |
| 12. | BSPH 6012 | <i>Personal Hygiene</i> | 02+01 |
| Total | | | 17 |

| SEMESTER 3 | | | |
|-------------------|--------------|--------------------------------------|---------------------|
| S NO | Codes | Modules | Credit Hours |
| 13. | BSPH 6013 | <i>English 3</i> | 02+01 |
| 14. | BSPH 6014 | <i>Basic Computer Literacy</i> | 02+01 |
| 15. | BSPH 6015 | <i>Population Dynamics</i> | 02+01 |
| 16. | BSPH 6016 | <i>Primary Health Care</i> | 02+01 |
| 17. | BSPH 6017 | <i>Concept of Health and Disease</i> | 02+01 |
| Total | | | 15 |

| SEMESTER 4 | | | |
|-------------------|--------------|--|---------------------|
| S NO | Codes | Modules | Credit Hours |
| 18. | BSPH 6018 | <i>English 4</i> | 02+01 |
| 19. | BSPH 6019 | <i>Professional Ethics</i> | 02+01 |
| 20. | BSPH 6020 | <i>Basic Epidemiology</i> | 02+01 |
| 21. | BSPH 6021 | <i>Basic Biostatistics</i> | 02+01 |
| 22. | BSPH 6022 | <i>Health Promotion, Advocacy & Social</i> | 02+01 |
| 23. | BSPH 6023 | <i>Mobilization</i> | 02+01 |
| Total | | | 15 |

| SEMESTER 5 | | | |
|-------------------|--------------|---|---------------------|
| S NO | Codes | Modules | Credit Hours |
| 24. | BSPH 6024 | <i>Community Nutrition</i> | 02+01 |
| 25. | BSPH 6025 | <i>Community Pediatrics</i> | 02+01 |
| 26. | BSPH 6026 | <i>Fundamental Principles of Infectious Disease</i> | 02+01 |
| 27. | BSPH 6027 | <i>Epidemiology of Infectious Diseases</i> | 02+01 |
| 28. | BSPH 6028 | <i>Non Communicable Disease Epidemiology</i> | 02+01 |
| Total | | | 15 |

| SEMESTER 6 | | | |
|-------------------|--------------|--|---------------------|
| S NO | Codes | Modules | Credit Hours |
| 29. | BSPH 6029 | <i>Reproductive Health</i> | 02+01 |
| 30. | BSPH 6030 | <i>Environment & Occupational Health</i> | 02+01 |
| 31. | BSPH 6031 | <i>Health Policy and Management</i> | 02+01 |
| 32. | BSPH 6032 | <i>Health Planning</i> | 02+01 |
| 33. | BSPH 6033 | <i>District Health Management</i> | 02+01 |
| 34. | BSPH 6034 | <i>Health Professional Education</i> | 02+01 |
| Total | | | 18 |

| SEMESTER 7 | | | |
|-------------------|--------------|----------------|---------------|
| S NO | Codes | Modules | Credit |

| | | | Hours |
|--------------|--------------|-----------------------------|--------------|
| 35. | BSPH 6035 | <i>Mental Health</i> | 02+01 |
| 36. | BSPH 6036 | <i>Health Marketing</i> | 02+01 |
| 37. | BSPH 6037 | <i>Research Methodology</i> | 02+01 |
| 38. | BSPH 6043 | <i>Elective 1</i> | 02+01 |
| 39. | BSPH 6044 | <i>Elective 2</i> | 02+01 |
| 40. | BSPH 6038 | <i>Research Project</i> | 02+01 |
| Total | | | 18 |

| SEMESTER 8 | | | |
|-------------------|--------------|-------------------------|---------------------|
| S NO | Codes | Modules | Credit Hours |
| 41. | BSPH 6039 | <i>Microbiology</i> | 02+01 |
| 42. | BSPH 6040 | <i>Entomology</i> | 02+01 |
| 43. | BSPH 6041 | <i>Parasitology</i> | 02+01 |
| 44. | BSPH 6045 | <i>Elective 3</i> | 02+01 |
| 45. | BSPH 6046 | <i>Elective 4</i> | 02+01 |
| 46. | BSPH 6042 | <i>Research Project</i> | 02+01 |
| Total | | | 18 |

Note:

Field Visits and Seminars by students will be non-credit, but compulsory subjects spread over each Semester