

# **Bachelor of Science**

**Public Health**

**Syllabus**

**Faculty of Science**

**MAULANA AZAD UNIVERSITY, JODHPUR**

## B.Sc. Semester-I

### Schemes for Internal Assessments and End Semester Examinations Semester-wise

Course	Subject	Code	Paper	CIA-I	CIA-II	ESE	Total
<b>ELECTIVE COURSES</b>	<b>Botany</b>	BSBO 111	Algae, Lichens and Bryophytes	10	10	80	100
		BSBO 112	Mycology, Microbiology and Phytopathology	10	10	80	100
		<b>BSBO 121</b>	<b>Botany Lab-I</b>	10	10	80	100
	<b>Chemistry</b>	BSCH 111	Inorganic Chemistry-I	10	10	80	100
		BSCH 112	Organic Chemistry-I	10	10	80	100
		<b>BSCH 121</b>	<b>Laboratory Course-I</b>	10	10	80	100
	<b>Mathematics</b>	BSMT 111	Algebra	10	10	80	100
		BSMT 112	Differential Calculus	10	10	80	100
		BSMT 113	Co-Ordinate Geometry in 2-Dimensions and 3-Dimensions	10	10	80	100
	<b>Physics</b>	BSPH 111	Mechanics	10	10	80	100
		BSPH 112	Electromagnetics	10	10	80	100
		<b>BSPH 121</b>	<b>Physics Lab-I</b>	10	10	80	100
	<b>Zoology</b>	BSZO 111	Taxonomy of Lower Non Chordate	10	10	80	100
		BSZO 112	Cytology and Genetics-I	10	10	80	100
		<b>BSZO 121</b>	<b>Zoology Lab-I</b>	10	10	80	100
	<b>Public Health</b>	BSPHLT 111	Human Biology	10	10	80	100
		BSPHLT 112	Introduction to Public Health	10	10	80	100
		<b>BSPHLT 121</b>	<b>Public Health Lab-I</b>	10	10	80	100
<b>Core Courses</b>	<b>Compulsory Paper</b>	<b>BHN 131</b>	<b>General Hindi</b>	<b>10</b>	<b>10</b>	<b>80</b>	<b>100*</b>
		<b>BEN 131</b>	<b>General English</b>	<b>10</b>	<b>10</b>	<b>80</b>	<b>100*</b>

## B.Sc. Semester-II

### Schemes for Internal Assessments and End Semester Examinations Semester-wise

Course	Subject	Code	Paper	CIA-I	CIA-II	ESE	Total
<b>ELECTIVE COURSES</b>	<b>Botany</b>	BSBO 211	Pteridophytes	10	10	80	100
		BSBO 212	Gymnosperms and Palaeobotany	10	10	80	100
		<b>BSBO 221</b>	<b>Botany Lab-II</b>	10	10	80	100
	<b>Chemistry</b>	BSCH 211	Physical Chemistry-I	10	10	80	100
		BSCH 212	Organic Chemistry-II	10	10	80	100
		<b>BSCH 221</b>	<b>Laboratory course-II</b>	10	10	80	100
	<b>Mathematics</b>	BSMT 211	Differential Equations	10	10	80	100
		BSMT 212	Integral and Vector Calculus	10	10	80	100
		BSMT 213	Co-ordinate Geometry in 3-Dimensions	10	10	80	100
	<b>Physics</b>	BSPH 211	Optics	10	10	80	100
		BSPH 212	Waves and Oscillations	10	10	80	100
		<b>BSPH 221</b>	<b>Physics Lab-II</b>	10	10	80	100
	<b>Zoology</b>	BSZO 211	Evolution and Biology of Higher Non Chordate	10	10	80	100
		BSZO 212	Molecular Biology and Genetics II	10	10	80	100
		<b>BSZO 221</b>	<b>Zoology Lab-II</b>	10	10	80	100
	<b>Public Health</b>	BSPHLT 211	Epidemiology	10	10	80	100
		BSPHLT 212	Basic Nutrition and Food Hygiene	10	10	80	100
		<b>BSPHLT 221</b>	<b>Public Health Lab-II</b>	10	10	80	100
<b>Core Courses</b>	<b>Compulsory Paper</b>	<b>BES 231</b>	<b>Environmental Studies</b>	<b>10</b>	<b>10</b>	<b>80</b>	<b>100*</b>

## B.Sc. Semester-III

### Schemes for Internal Assessments and End Semester Examinations Semester-wise

Course	Subject	Code	Paper	CIA-I	CIA-II	ESE	Total
<b>ELECTIVE COURSES</b>	<b>Botany</b>	BSBO 311	Anatomy of Angiosperms, Economic Botany and Ethnobotany	10	10	80	100
		BSBO 312	Cell and Molecular Biology	10	10	80	100
		<b>BSBO 321</b>	<b>Botany Lab-III</b>	10	10	80	100
	<b>Chemistry</b>	BSCH 311	Inorganic Chemistry-II	10	10	80	100
		BSCH 312	Physical Chemistry-II	10	10	80	100
		<b>BSCH 321</b>	<b>Laboratory Course-III</b>	10	10	80	100
	<b>Mathematics</b>	BSMT 311	Partial Differential Equation and Laplace Transform	10	10	80	100
		BSMT 312	Numerical Analysis	10	10	80	100
		BSMT 313	Dynamics of a Particle	10	10	80	100
	<b>Physics</b>	BSPH 311	Statistical and Thermal Physics	10	10	80	100
		BSPH 312	Electronic Devices and Circuits	10	10	80	100
		<b>BSPH 321</b>	<b>Physics Lab-III</b>	10	10	80	100
	<b>Zoology</b>	BSZO 311	Biology of Chordates	10	10	80	100
		BSZO 312	Immunology & Microbiology	10	10	80	100
		<b>BSZO 321</b>	<b>Zoology Lab-III</b>	10	10	80	100
	<b>Public Health</b>	BSPHLT 311	Determinants of Health and Disease	10	10	80	100
		BSPHLT 312	Essentials of Demography	10	10	80	100
		<b>BSPHLT 321</b>	<b>Public Health Lab-III</b>	10	10	80	100

## B.Sc. Semester-IV

### Schemes for Internal Assessments and End Semester Examinations Semester-wise

Course	Subject	Code	Paper	CIA-I	CIA-II	ESE	Total
<b>ELECTIVE COURSES</b>	<b>Botany</b>	BSBO 411	Taxonomy and Embryology of Angiosperms	10	10	80	100
		BSBO 412	Cytogenetics, Genetics, Plant Breeding, Evolution and Biostatistics	10	10	80	100
		<b>BSBO 421</b>	<b>Botany Lab-IV</b>	10	10	80	100
	<b>Chemistry</b>	BSCH 411	Inorganic Chemistry-III	10	10	80	100
		BSCH 412	Organic Chemistry-III	10	10	80	100
		<b>BSCH 421</b>	<b>Laboratory Course-IV</b>	10	10	80	100
	<b>Mathematics</b>	BSMT 411	Optimization Techniques	10	10	80	100
		BSMT 412	Abstract Algebra	10	10	80	100
		BSMT 413	Statics	10	10	80	100
	<b>Physics</b>	BSPH 411	Electrodynamics	10	10	80	100
		BSPH 412	Quantum Mechanics	10	10	80	100
		<b>BSPH 421</b>	<b>Physics Lab-IV</b>	10	10	80	100
	<b>Zoology</b>	BSZO 411	Comparative Anatomy of Chordates	10	10	80	100
		BSZO 412	Animal Embryology	10	10	80	100
		<b>BSZO 421</b>	<b>Zoology Lab-IV</b>	10	10	80	100
	<b>Public Health</b>	BSPHLT 411	Fundamentals of Epidemiology	10	10	80	100
		BSPHLT 412	Biostatistics And Research Methods	10	10	80	100
		<b>BSPHLT 421</b>	<b>Public Health Lab-IV</b>	10	10	80	100

## B.Sc. Semester-V

### Schemes for Internal Assessments and End Semester Examinations Semester-wise

Course	Subject	Code	Paper	CIA-I	CIA-II	ESE	Total
<b>ELECTIVE COURSES</b>	<b>Botany</b>	BSBO 511	Plant Physiology and Biochemistry	10	10	80	100
		BSBO 512	Plant Tissue Culture	10	10	80	100
		<b>BSBO 521</b>	<b>Botany Lab-V</b>	10	10	80	100
	<b>Chemistry</b>	BSCH 511	Organic Chemistry-IV	10	10	80	100
		BSCH 512	Physical Chemistry-III	10	10	80	100
		<b>BSCH 521</b>	<b>Laboratory Course-V</b>	10	10	80	100
	<b>Mathematics</b>	BSMT 511	Metric and Vector Spaces	10	10	80	100
		BSMT 512	Complex Analysis	10	10	80	100
		BSMT 513	Hydrostatics	10	10	80	100
	<b>Physics</b>	BSPH 511	Atomic and Molecular Spectroscopy and Laser Physics	10	10	80	100
		BSPH 512	Solid State Physics	10	10	80	100
		<b>BSPH 521</b>	<b>Physics Lab-V</b>	10	10	80	100
	<b>Zoology</b>	BSZO 511	Animal Physiology	10	10	80	100
		BSZO 512	Ecology	10	10	80	100
		<b>BSZO 521</b>	<b>Zoology Lab-V</b>	10	10	80	100
	<b>Public Health</b>	BSPHLT 511	Epidemiology of Communicable and Non Communicable Diseases	10	10	80	100
		BSPHLT 512	Health Care Systems	10	10	80	100
		<b>BSPHLT 521</b>	<b>Public Health Lab-V</b>	10	10	80	100

## B.Sc. Semester-VI

### Schemes for Internal Assessments and End Semester Examinations Semester-wise

Course	Subject	Code	Paper	CIA-I	CIA-II	ESE	Total
<b>ELECTIVE COURSES</b>	<b>Botany</b>	BSBO 611	Ecology and Environmental Biology	10	10	80	100
		BSBO 612	Recombinant DNA Technology	10	10	80	100
		<b>BSBO 621</b>	<b>Botany Lab-VI</b>	10	10	80	100
	<b>Chemistry</b>	BSCH 611	Inorganic Chemistry-IV	10	10	80	100
		BSCH 612	Physical Chemistry-IV	10	10	80	100
		<b>BSCH 621</b>	<b>Laboratory Course-VI</b>	10	10	80	100
	<b>Mathematics</b>	BSMT 611	Discrete Mathematics	10	10	80	100
		BSMT 612	Real Analysis	10	10	80	100
		BSMT 613	Computer Oriented Numerical Analysis	10	10	80	100
	<b>Physics</b>	BSPH 611	Nuclear Physics	10	10	80	100
		BSPH 612	Analog and Digital Electronics	10	10	80	100
		<b>BSPH 621</b>	<b>Physics Lab-VI</b>	10	10	80	100
	<b>Zoology</b>	BSZO 611	Biodiversity and Ethology	10	10	80	100
		BSZO 612	Applied Zoology	10	10	80	100
		<b>BSZO 621</b>	<b>Zoology Lab-VI</b>	10	10	80	100
	<b>Public Health</b>	BSPHLT 611	Health Education and Health Promotion and Communication	10	10	80	100
		BSPHLT 612	Global Health	10	10	80	100
		<b>BSPHLT 621</b>	<b>Field Project</b>	10	10	80	100

## B.Sc. Public Health

### Schemes for Internal Assessments and End Semester Examinations Semester-wise

Semester	Subject	Code	Paper	CIA-I	CIA-II	ESE	Total
I Sem.	Core Subjects	BSPHLT 111	Human Biology	10	10	80	100
		BSPHLT 112	Introduction to Public Health	10	10	80	100
		<b>BSPHLT 121</b>	<b>Public Health Lab-I</b>	10	10	80	100
	Compulsory Paper	<b>BHN131/ BEN131</b>	<b>Samanya Hindi/ General English</b>	<b>10</b>	<b>10</b>	<b>80</b>	<b>100*</b>
II Sem.	Core Subjects	BSPHLT 211	Epidemiology	10	10	80	100
		BSPHLT 212	Basic Nutrition and Food Hygiene	10	10	80	100
		<b>BSPHLT 221</b>	<b>Public Health Lab-II</b>	10	10	80	100
	Compulsory Paper	<b>BES 231</b>	<b>Environmental Studies</b>	<b>10</b>	<b>10</b>	<b>80</b>	<b>100*</b>
III Sem.	Core Subjects	BSPHLT 311	Determinants of Health and Disease	10	10	80	100
		BSPHLT 312	Essentials of Demography	10	10	80	100
		<b>BSPHLT 321</b>	<b>Public Health Lab-III</b>	10	10	80	100
IV Sem.	Core Subjects	BSPHLT 411	Fundamentals of Epidemiology	10	10	80	100
		BSPHLT 412	Biostatistics and Research Methods	10	10	80	100
		<b>BSPHLT 421</b>	<b>Public Health Lab-IV</b>	10	10	80	100
V Sem.	Core Subjects	BSPHLT 511	Epidemiology of Communicable and Non Communicable Diseases	10	10	80	100
		BSPHLT 512	Health Care Systems	10	10	80	100
		<b>BSPHLT 521</b>	<b>Public Health Lab-V</b>	10	10	80	100
VI Sem.	Core Subjects	BSPHLT 611	Health Education and Health Promotion and Communication	10	10	80	100
		BSPHLT 612	Global Health	10	10	80	100
		<b>BSPHLT 621</b>	<b>Field Project</b>	10	10	80	100



<b>Semester-I</b>		
<b>BSPHLT 111: Human Biology</b>		<b>45 Hrs</b>
<b>इकाई Unit</b>	<b>पाठ्यक्रम सामग्री Course Content</b>	<b>Hours/ Unit</b>
<b>I</b>	Cell Theory / Cells, cell membrane, cell organelles.	09
<b>II</b>	Applied Anatomy and Physiology of Respiratory System, Digestive System.	09
<b>III</b>	Applied Anatomy and Physiology of Reproductive System, Endocrine System, Skeletal System, Nervous System.	09
<b>IV</b>	Applied Anatomy and Physiology of Excretory System, Circulatory System.	09
<b>V</b>	Immune system and First Aid.	09

**RECOMMENDED READINGS**

- Human Anatomy & Physiology, Elaine Marieb & Katja Hoehn ISBN: 0-8053-9591
- Anatomy & Physiology, Frederic H. Martini ISBN: 0-321-59660-9

<b>Semester-I</b>		
<b>BSPHLT 112: Introduction to Public Health</b>		<b>45 Hrs</b>
<b>इकाई Unit</b>	<b>पाठ्यक्रम सामग्री Course Content</b>	<b>Hours/ Unit</b>
<b>I</b>	History, Context and Concepts of Public Health.	09
<b>II</b>	Healthcare versus Medical Care, Approaches to Public Health	09
<b>III</b>	History of public health in India.	09
<b>IV</b>	Different Systems of Medicine.	09
<b>V</b>	Historical and Modern Perspective, Interdisciplinary nature of Public Health.	09

**RECOMMENDED READINGS**

- A Dictionary of Public Health 1st Edition by John M. Last
- Text Book of Public Health and Community Medicine, 2009. Published by the Dept of Community Medicine, AFMC Pune

<b>Semester-I</b>	
<b>BSPHLT 121: Practical - Human Biology and First Aid Lab</b>	<b>45 Hrs</b>
➤ NOTHING MENTIONED	

**RECOMMENDED READINGS**

- First Aid and Emergency Preparedness Quick Reference Guide by American Red cross ISBN-13: 978-1584803904.

<b>Semester-II</b>		
<b>BSPHLT 211: Epidemiology</b>		<b>45 Hrs</b>
<b>इकाई Unit</b>	<b>पाठ्यक्रम सामग्री Course Content</b>	<b>Hours/ Unit</b>
<b>I</b>	Psychology and Public Health, concept of Mental Health, Stress, Well being and quality of life.	09
<b>II</b>	Development of Psychology as a Science, methods used in study of Psychology, Foundations of Behavior, Biological inheritance, influence of environment	09
<b>III</b>	Personality development and its effect on health, Methods of Study in cultural anthropology	09
<b>IV</b>	Scope in understanding health and Disease, Social psychology in understanding health and disease	09
<b>V</b>	Different Social Theories, Social Organizations, structures, Social Controls, & Methods of study in sociology, Process of social change, Community Ecology	09

**RECOMMENDED READINGS**

- Anthropology and Public Health Bridging Differences in Culture and Society Second Edition Robert A. Hahn and Marcia C. Inhorn
- Oxford Textbook of Global Public Health (6 ed.) Edited by Roger Detels, Martin Gulliford, Quarraisha Abdool Karim, and Chorh Chuan Tan Publisher: Oxford University Press, 2015

<b>Semester-II</b>		
<b>BSPHLT 212: Basic Nutrition and Food Hygiene</b>		<b>45 Hrs</b>
<b>इकाई Unit</b>	<b>पाठ्यक्रम सामग्री Course Content</b>	<b>Hours/ Unit</b>
<b>I</b>	Elements of normal nutrition: micronutrients, etc.	09
<b>II</b>	Life-cycle approach to nutrition.	09
<b>III</b>	Cultural and religious food patterns and beliefs and their implications for health.	09
<b>IV</b>	Nutrition related to chronic communicable diseases.	09
<b>V</b>	Malnutrition and obesity.	09

**RECOMMENDED READINGS**

- Food Science Nutrition and Safety ,Sukhneet Suri ,Anita Malhotra Pearson; 1 edition (1 August 2013)
- Text Book of Public Health and Community Medicine, 2009. Published by the Dept of Community Medicine, AFMC Pune

<b>Semester-II</b>	
<b>BSPHLT 221: Practical – Pyschology and Social Anthropology Lab</b>	<b>45 Hrs</b>
➤ NOTHING MENTIONED	

**RECOMMENDED READINGS**

- Integrating Behavioral and Social Sciences with Public Health Edited by Neil Schneiderman, APA books ISBN: 978-1-55798-721-1.

<b>Semester-III</b>		
<b>BSPHLT 311: Determinants of Health and Disease</b>		<b>45 Hrs</b>
<b>इकाई Unit</b>	<b>पाठ्यक्रम सामग्री Course Content</b>	<b>Hours/ Unit</b>
<b>I</b>	Basic Concepts and Definition, Disease Control and Levels of Prevention.	09
<b>II</b>	Social and other types of health determinants in a public health context.	09
<b>III</b>	Indicators of Health, Health situation and Trends in India.	09
<b>IV</b>	Nutrition-based physiology and its relationship to health and disease.	09
<b>V</b>	Gender and Equity as determinants of Health.	09

**RECOMMENDED READINGS**

- Text Book of Public Health and Community Medicine, 2009. Published by the Dept of Community Medicine, AFMC Pune
- Park's Textbook of Preventive and Social Medicine by K. Park Banarsidas Bhanot Publishers

<b>Semester-III</b>		
<b>BSPHLT 312: Essentials of Demography</b>		<b>45 Hrs</b>
<b>इकाई Unit</b>	<b>पाठ्यक्रम सामग्री Course Content</b>	<b>Hours/ Unit</b>
<b>I</b>	Basic Concepts and Definition.	09
<b>II</b>	Demographic structure and cycle.	09
<b>III</b>	Demographic transition and trends in developing and developed regions	09
<b>IV</b>	Fertility and mortality indicators and trends.	09
<b>V</b>	Population pyramid, impact of ageing.	09

**RECOMMENDED READINGS**

- Fundamentals of Demography, P.K. Majumdar, 2010
- Applied Demography and Public Health Hoque, Nazrul; McGehee, Mary A.; Bradshaw, Benjamin S., 2013



<b>Semester-III</b>	
<b>BSPHLT 321: Practical - Demography Lab.</b>	<b>45 Hrs</b>
➤ NOTHING MENTIONED	

**RECOMMENDED READINGS**

- Applied Demography and Public Health Hoque, Nazrul; McGehee, Mary A.; Bradshaw, Benjamin S., 2013.

<b>Semester-IV</b>		
<b>BSPHLT 411: Fundamentals of Epidemiology</b>		<b>45 Hrs</b>
<b>इकाई Unit</b>	<b>पाठ्यक्रम सामग्री Course Content</b>	<b>Hours/ Unit</b>
<b>I</b>	Introduction, Data sources for Epidemiology.	09
<b>II</b>	Epidemiological concept of disease, Measures of disease frequency.	09
<b>III</b>	Epidemiological methods: Descriptive Epidemiology and Analytical Epidemiology.	09
<b>IV</b>	Measures of association.	09
<b>V</b>	Outbreak investigation.	09

**RECOMMENDED READINGS**

- Text Book of Public Health and Community Medicine, 2009. Published by the Dept of Community Medicine, AFMC Pune
- Park's Textbook of Preventive and Social Medicine by K. Park Banarsidas Bhanot Publishers

<b>Semester-IV</b>		
<b>BSPHLT 412: Biostatistics and Research Methods</b>		<b>45 Hrs</b>
<b>इकाई Unit</b>	<b>पाठ्यक्रम सामग्री Course Content</b>	<b>Hours/ Unit</b>
<b>I</b>	Data and Data Presentation: Types of data, simple, compound, percentage, bar chart, Histogram, Frequency Polygon, Frequency curve, Normal curves, Skewed diagram.	09
<b>II</b>	Numerical Description of Data: Measures of central tendency, Mean Median, Mode, Geometric mean, Harmonic mean, Measures of dispersion: range, Mean Deviation, Standard Deviation, quartile deviation, Co-efficient of variation, Standard Error	09
<b>III</b>	Scientific research: Nature and Scope, Basic Principles of scientific research, Steps involved in a scientific study/ investigation, Formulation of Hypothesis, sources, qualities of a workable hypothesis.	09
<b>IV</b>	Sample, sampling methods, estimation of sample size, non parametric tests, Basic Principles of sample survey	09
<b>V</b>	Biases in sampling, Data collection tools.	09

**RECOMMENDED READINGS**

- Text Book of Public Health and Community Medicine, 2009. Published by the Dept of Community Medicine, AFMC Pune
- Park's Textbook of Preventive and Social Medicine by K. Park Banarsidas Bhanot Publishers

<b>Semester-IV</b>	
<b>BSPHLT 421: Practical - Epidemiology and Biostatistics Lab</b>	<b>45 Hrs</b>
➤ NOTHING MENTIONED	

**RECOMMENDED READINGS**

- Health Science Research: A Handbook of Quantitative Methods, Jennifer Peat, Craig Mellis.

<b>Semester-V</b>		
<b>BSPHLT 511: Epidemiology of Communicable and Non Communicable Diseases</b>		<b>45 Hrs</b>
<b>इकाई Unit</b>	<b>पाठ्यक्रम सामग्री Course Content</b>	<b>Hours/ Unit</b>
<b>I</b>	Communicable Diseases: Concepts and Principles, Prevention and Control : Vector born diseases, Leprosy, Influenza	09
<b>II</b>	Concepts and Principles, Prevention and Control TB, water borne disease , AIDS and others STD.	09
<b>III</b>	Non-Communicable Diseases: Concepts and Principles, Prevention and Control: Cardiovascular diseases, Stroke, Hypertension, Diabetes.	09
<b>IV</b>	Concepts and Principles, Prevention and Control: Cancer, obesity and accidents, blindness.	09
<b>V</b>	National health programs.	09

**RECOMMENDED READINGS**

- Text Book of Public Health and Community Medicine, 2009. Published by the Dept of Community Medicine, AFMC Pune
- Park's Textbook of Preventive and Social Medicine by K. Park Banarsidas Bhanot Publishers

<b>Semester-V</b>		
<b>BSPHLT 512: Health Care Systems</b>		<b>45 Hrs</b>
<b>इकाई Unit</b>	<b>पाठ्यक्रम सामग्री Course Content</b>	<b>Hours/ Unit</b>
<b>I</b>	Introduction and history of Healthcare systems.	09
<b>II</b>	Systems and Indices.	09
<b>III</b>	Organization and Structure in the Indian context.	09
<b>IV</b>	Concept of Primary Healthcare.	09
<b>V</b>	Regionalization of care, Comparison of world systems of healthcare.	09

**RECOMMENDED READINGS**

- Text Book of Public Health and Community Medicine, 2009. Published by the Dept of Community Medicine, AFMC Pune
- Park's Textbook of Preventive and Social Medicine by K. Park Banarsidas Bhanot Publishers

<b>Semester-V</b>	
<b>BSPHLT 521: Practical - Health Care System Lab</b>	<b>45 Hrs</b>
➤ NOTHING MENTIONED	

**RECOMMENDED READINGS**

- Comparative Health Systems: Global Perspectives, James A. Johnson, Carleen Stoskopf, 2011

<b>Semester-VI</b>		
<b>BSPHLT 611: Health Education and Health Promotion and Communication</b>		<b>45 Hrs</b>
<b>इकाई Unit</b>	<b>पाठ्यक्रम सामग्री Course Content</b>	<b>Hours/ Unit</b>
<b>I</b>	Introduction to health education: Definition, concept, goals and objective of health education, role of health educator.	09
<b>II</b>	Introduction to health promotion: Definition, concept and charters of health promotion.	09
<b>III</b>	Theories of Health Behaviour: Stages of Change Model ,Social learning/social cognitive theory, Health Belief Model, Diffusion of Innovations Theory.	09
<b>IV</b>	Methods and Approaches to health education: IEC, Individual and group approach- Medical or Preventive, Behaviour Change, Educational, Empowerment, Social Change; Mass media, Social marketing.	09
<b>V</b>	Workplace health promotion: Concept and guidelines, key elements of a workplace.	09

**RECOMMENDED READINGS**

- Text Book of Public Health and Community Medicine, 2009. Published by the Dept of Community Medicine, AFMC Pune
- Park's Textbook of Preventive and Social Medicine by K. Park Banarsidas Bhanot Publishers



<b>Semester-VI</b>		
<b>BSPHLT 612: Global Health</b>		<b>45 Hrs</b>
<b>इकाई Unit</b>	<b>पाठ्यक्रम सामग्री Course Content</b>	<b>Hours/ Unit</b>
<b>I</b>	Disease patterns around the world, Regions of the world according to WHO and their overall health status, effect of climate, politics and society on health.	09
<b>II</b>	International health agencies, activities & other actors.	09
<b>III</b>	Nutrition and global health, Water & sanitation.	09
<b>IV</b>	Disease control priorities in low income countries, Global Health and Ethics.	09
<b>V</b>	Maternal and child health, Technology and Global Health.	09

**RECOMMENDED READINGS**

- Global Health: An Introductory Textbook by Hans Rosling , Student literature AB2006ISBN-13: 978-9144021980.

<b>Semester-VI</b>	
<b>BSPHLT 621: Practical - Field Project</b>	<b>45 Hrs</b>
<p>➤ Fieldwork is among the most crucial components of the Public Health curriculum. Fieldwork placements are designed to be practical experiences that provide students with an opportunity to apply the concepts, techniques, and theories learned in the classroom to real life experiences working in the field. The field project is determined according to both the students interest and an agency's/organization's willingness. These experiences are intended to give the student an opportunity to observe, learn, and participate in the various activities of health agencies. At the end of session student is required to submit a detailed field project report of work done.</p>	

**RECOMMENDED READINGS**

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