

Bachelor of Public Health

Public health is "The science and art of preventing disease, prolonging life, and promoting health and efficiency ..." -WHO Expert Committee (1952).

Human health is affected by multiple factors such as environment, life style, economic status, education, heredity, availability and accessibility of health services etc., recognized as determinants of health. This is through the application of public health policies and strategies that it is possible to prevent disease, reduce morbidity and mortality, promote health and prolong life span. All around the world, greater emphasis is being given on disease prevention and health promotion as a means of improving health of population and this has created a broad array of opportunities for public health. Career opportunities for public health professionals are available internationally, both in public and private sectors as well as research institutions.

Course overview:

1. Total Credit Hours : 155
 - Theory : 104 credit hours
 - Laboratory: 6 credit hours
 - Term Paper Presentation: 27 credit hours
 - Specialization : 6 credit hours
 - Dissertation : 6 credit hours
2. Two times of concurrent and residential field practices:
3. One month during 6th semester
4. One months during 7th semester
5. University conducts final examination and CIST college conducts two internal assessments in each semester.
6. On completion of all requirements with CGPA of 2.0 or better, the student will be awarded a degree of BPH by the University.

Curriculum Structure

1st Year (1st Semester)

Code	Description	Credit hours
IPH 101.2	Introduction to Public Health	2
APL 102.3	Anatomy and Physiology	3
PPB 103.3	Pharmacology, Pharmacy and Biochemistry	3
MLI 104.3	Microbiology and Immunology	3
ENG 105.3	Technical English	3
BCA 106.3	Bio-Statistics and Computer Application I	3
LAB 1.1	Anatomy and Physiology Lab	1
LAB 2.1	Pharmacology, Pharmacy and Biochemistry Lab	1
LAB 3.1	Microbiology and Immunology Lab	1
TPP 1.1	Technical English	1
TPP 2.1	Bio-Statistics and Computer Application	1

Total 22

1st Year (2nd Semester)

Code	Description	Credit hours
PFA 107.3	Pathology and First Aid	3
TEL 108.3	Toxicology and Entomology	3
BCA 109.3	Bio-Statistics and Computer Application II	3
BEP 110.3	Basic Epidemiology I	3
PBH 111.3	Public Health	3
LAB 4.1	Pathology and First Aid Lab	1
LAB 5.1	Toxicology and Entomology Lab	1
TPP 3.1	Basic Epidemiology I	1
TPP 4.1	Public Health	1

Total 19

2nd Year (3rd Semester)

Code	Description	Credit hours
BEP 201.3	Basic Epidemiology II	3
ISA 202.3	Introduction to Sociology and Anthropology	3
AEP 203.3	Applied Epidemiology I	3
HSD 204.3	Health Systems Development I	3
HPE 205.3	Health Promotion and Education	3
TPP 5.1	Basic Epidemiology II	1
TPP 6.1	Introduction to Sociology and Anthropology	1
TPP 7.1	Applied Epidemiology I	1
TPP 8.1	Health Systems Development	1
TPP 9.1	Health Promotion and Education	1

Total 20

2nd Year (4th Semester)

Code	Description	Credit hours
AEP 206.3	Applied Epidemiology II	3
MSA 207.3	Medical Sociology and Anthropology	3
EOH 208.3	Environmental and Occupational Health	3
FDN 209.3	Food and Nutrition I	3
HPE 210.3	Applied Health Promotion and Education	3
TPP 10.1	Applied Epidemiology II	1
TPP 11.1	Medical Sociology and Anthropology	1
TPP 12.1	Environmental and Occupational Health	1
TPP 13.1	Food and Nutrition I	1
TPP 14.1	Applied Health Promotion and Education	1

Total 20

3rd Year (5th Semester)

Code	Description	Credit hours
EOH 301.3	Applied Environmental and Occupational Health I	3
FDN 302.3	Food and Nutrition II	3
HRD 303.3	Human Resource Development	3
PHC 304.3	Primary Health Care in Nepal	3
HSD 305.3	Health Systems Development II	3
TPP 15.1	Applied Environmental and Occupational Health I	1
TPP 16.1	Food and Nutrition II	1
TPP 17.1	Human Resource Development	1
TPP 18.1	Primary Health Care in Nepal	1
TPP 19.1	Health Systems Development	1
Total		20

3rd Year (6th Semester)

Code	Description	Credit hours
REM 306.3	Research Methodology	3
FAH 307.3	Family Health	3
ACH 308.3	Applied Child Health	3
EOH 309.3	Applied Environmental and Occupational Health II	3
CMD 310.3	Community Diagnosis	3
TPP 20.1	Research Methodology	1
TPP 21.1	Applied Reproductive Health	1
TPP 22.1	Applied Child Health	1
TPP 23.1	Applied Environmental and Occupational Health II	1
Total		19

4th Year (7th Semester)

Code	Description	Credit hours
HPP 401.3	Health Planning and Policy Development	3
HEC 402.3	Health Economics	3
RCA 403.3	Health System Research and Computer Software Application	3
CFP 404.3	Comprehensive Field Practice	3
HES 405.1	Health Seminar in Special Topics	1
TPP 24.1	Health Planning and Policy Development	1
TPP 25.1	Health Economics	1
TPP 26.1	Research and Computer Software Application	1
Total		16

4th Year (8th Semester)

Code	Description	Credit hours
SPT 405.6	Special Topics in Epidemiology (Any Two) Special Topics in Nutrition and Health Special Topics in Health System Special Topics in Occupational Health Special Topics in Environmental Health Special Topics in Child Health Special Topics in Health Economics Special Topics in Reproductive Health Special Topics in Primary Health Care Special Topics in National Health Priorities Areas Special Topics in Health Technology/Public Health Laboratory	6
HES 406.1	Health Seminar in Special Topics	1
DIS 407.6	Dissertation	6
Total		13