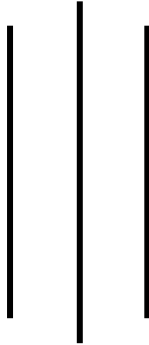




CURRICULUM
(Revised)
BACHELOR OF SCIENCE IN NURSING (BSN)
(4 Years)

2019 (2076)



PURBANCHAL UNIVERSITY
FACULTY OF MEDICAL AND ALLIED SCIENCES
GOTHAUN, NEPAL

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BACHELOR OF SCIENCE IN NURSING

BACKGROUND

The inception in modern information technology and science has made the world a global village within easy access to all the countries around the world. The developed countries in the West have massively capitalized on the new advances of science and technology and have improved the socio-economic and the quality of life of their people to a great extent that is inconceivable in the developing countries. Access to quality education, health care services, quality food, shelter and social security with the provision of all the necessary services, have become the essential needs of the common people in the developed countries whereas the very essential needs have become the exclusive privileges of the wealthy and affluent class in most of the developing countries. Access to quality health education and services as more than any other factor, has significantly improved the quality of life in the western world. The improvement in the quality of life has stemmed from a substantial public and private sectors investment on health education and services over a long period of time. It is universally recognized that until and unless a country can produce the high quality and adequate human health resources at various levels needed by the country, it is implausible to bring the intended qualitative improvement in the health sector. The production of high-quality human resources in health sector at various levels must be based on the need and priority of the country. The Government of Nepal, Ministry of Health and Population has committed themselves to raise the health status of the people of Nepal by pursuing universal coverage of health care in order to realize the objectives of **Health for All** which call for intersectoral coordination as well as active community participation. It is in this context that effective dissemination of relevant, sound and feasible nursing and public health measures are necessary in order to increase individual and community capabilities for active involvement and self-reliance in health sectors that will promote healthy behavior in regard to disease prevention and control. Thus, it has become essential through understanding of all relevant branches of health science with special emphasis on the most appropriate nursing health measures, a necessity for promoting individual, institutional and community involvement.

Nepal faces a major challenge in providing even the basic health care services to its population. In this regard, a large number of mid-level nursing professionals are needed to deliver the basic health services to the people at various levels (federal, provincial and local) and advance health service in new Nepal and the opportunity in the overseas countries as per the World Trade Organization (WTO) policy.

The country's health situation and indicators of health reveal that the production of professional nursing graduates at various levels need to be carefully planned and accelerated in regard to the needs of such human resource to provide essential, promotive, preventive, curative and rehabilitative quality care services. It ensures everyone's access to health and realize Alma Ata Declaration of which Nepal is a signatory. Purbanchal University envisages contributing towards the noble goal of providing quality health services and improving people's health through the production of nursing professionals and graduates required to the country through its constituents and several affiliated colleges.

As the academic course should be based on the changing needs of the population, emergence of new disease pattern and endorsement of health service strategy, it is felt that the existing curriculum needs to be revised for enabling the graduates to equip with advanced skills in dealing with those challenges. Hence, Purbanchal University initiated to revise the existing curriculum along with the incorporation of the contents to combat the national and international health needs. In this revised curriculum, the portion of Geriatric Nursing is kept as separate subject rather than incorporating in Medical-Surgical Nursing subject. Similarly, Developmental Task is transferred to Medical-Surgical Nursing-II. Also, the subject Mental Health Nursing is renamed as Psychiatric Nursing in second year. Similarly, Child Health Nursing is renamed as Pediatric Nursing in third year.

Likewise, the subject Advanced Medical-Surgical Nursing is added in BSN fourth year, where Cardiopulmonary, Neurology, Nephrology and Oncology are included. In previous curriculum, above mentioned components were in second year and the practical in fourth year which did not meet the educational principles.

The revised curriculum will be applied in Academic Year 2076/2077(2019).

PURPOSE

The Bachelor of Science in Nursing (BSN) program aims to prepare competent, professional nurses in education, administration and services in respective level of health programs, which includes problem identification, planning, implementation and evaluation. Such graduates can serve in various types of positions at national, federal, provincial and local levels and will be needed in various kinds of governmental or nongovernmental health agencies, communities, hospitals, schools, campuses and institutions. Other areas may involve special responsibilities like working directly with local communities and individuals, working primarily with school teachers, administration, health education services and preparing health workers in nursing fields. In general, BSN graduates will be able to carry out the responsibilities of various health institutions as a nursing officer/faculty/ basic level researcher and care provider at different levels.

PHILOSOPHY

- The graduate nurses will be thoroughly acquainted with the present trends, advanced technology in health care system, changing concepts of life style and the expanding roles and responsibilities of nurse midwife in providing health services.
- Each individual is unique bio-psychological and spiritual being with capacity to think and adopt towards wholeness/ comprehensive approach.
- Environment conducive to learning can be adopted.
- The promotion of health, prevention of illness, care of sick and rehabilitation are the responsibilities of individual, group, family, community and nation.
- Nursing is a dynamic process, which focuses on need / evidence-based problem solving and decision making in all nursing care activities by emphasizing on nursing process.
- Each learner has the capacity to change if encouraged and guided towards positive health practices and the self-directed learning.

- Leadership in nursing is to have a clear vision of institutional and national goal which demonstrate problem solving and decision making at all levels of health care system.

OBJECTIVES OF THE PROGRAM

General Objective

The general objective of the BSN program is to produce competent graduates with basic to advanced knowledge and practical skills necessary to deliver quality health services needed for the country.

Specific Objectives

Upon the completion of four years Bachelor of Science in Nursing course, the graduates will be able to achieve the following objectives:

- Provide basic and advanced knowledge and practical skills in nursing science covering Primary Health Care.
- Develop skills in health system research and management that lead individual and community self-reliance in obtaining health services and improvement in health status.
- Equip nursing professionals with communication and group organization skills for promoting community participation in health and development activities.
- Manage issues, concerns and problems related to health and nursing profession.
- Enable nursing health professionals to deal with the existing realities in health.
- Foster positive attitude of health professionals to encourage them for providing accessible and equitable nursing services for disadvantaged groups and communities.
- Develop the leadership capabilities of nursing professionals in the management of nursing services at various levels of health programs.
- Enhance the vocational competence of nursing professionals through advanced education in health strategies, health promotion and health programming.

- Prepare professionals to be creative innovative in preventive, promotive, curative and rehabilitative aspect of care according to scientific advancement and the trend of the day.
- Enhance competence in teaching learning process as self-directed learner.
- Communicate effectively with individual, group, family, community and society.
- Apply the knowledge of nursing process for providing quality nursing care and service using the principle of basic science and concepts of social and behavior sciences.
- Identify the socio cultural and economic status, which affects the health and development of the clients and the society.
- Apply the knowledge and principles of Family Reproductive Health (FRH) and Comprehensive Primary Health Care (CPHC) in planning, programming, supervision, monitoring and evaluating process for promotion and maintenance of the client's health.
- Make appropriate decision in all activities by critical analysis to bring suitable changes in their work environment.
- Demonstrate effective teaching learning skill in formal and non-formal educational activities in different settings.
- Mobilize the necessary and available resources in appropriate manner.
- Identify need based simple researchable problems and conduct research on it.
- Recognize the importance of personal and professional goal, growth and development.
- Apply the epidemiological concept and principles in order to solve individual, family and community health problems.
- Utilize the principles and concepts of nursing foundations theories and models in providing nursing and midwifery services.

- Recognize mental health conditions and provide holistic care to the clients.
- Provide effective care and services to the client in preventive, promotive, curative and rehabilitative aspect of care throughout the life span.
- Perform midwifery practice based on core competency of International Confederation of Midwives (ICM.)

Conceptual Framework

The conceptual framework provides the structure in the curriculum and to guide the BSN program to prepare competent nurse midwife with advanced knowledge, competent skill and positive attitude in the areas of hospital nursing, midwifery nursing and community health nursing.

At the BSN level the major focus is placed on family, reproductive health, midwifery, hospital and community health nursing, which prepares competent nurse midwives who will be capable leaders in different capacities as educator, manager, researcher, care provider and change agent in the society to promote healthy life style throughout the life span of a person. Throughout the curriculum the nursing process is integrated for the provision of quality nursing care/management of an individual, group, family and community.

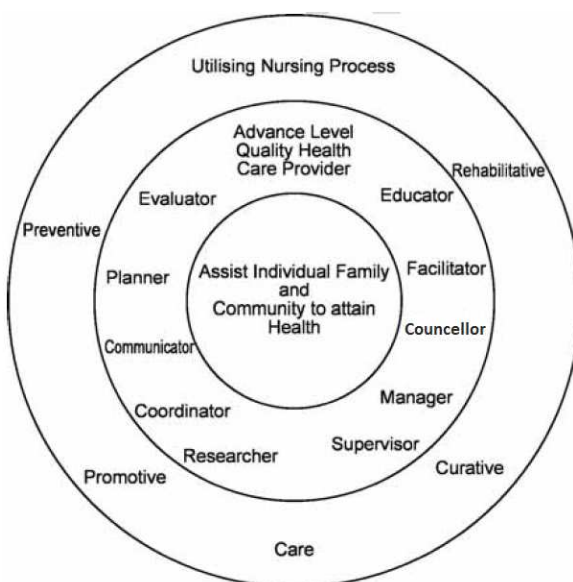


Figure 1: Conceptual Framework of BSN Program

PROGRAM STRUCTURE

The Bachelor of Science in Nursing (BSN) program is of four years academic course. Initially it was revised in 2012, with the demand of the students and teachers and again it has been restructured in 2019.

Practicum evaluation (Internal evaluation) is added for Basic Sciences as well as Nutrition and Dietetics subjects in BSN first year. A major addition in the curriculum of BSN 2nd year, Geriatric Nursing is kept as separate subject with total 50 hours with 3 credit hours.

In Medical-Surgical Nursing: nursing process, development tasks are shifted from Medical Surgical-Nursing-I to Medical-Surgical Nursing-II. Advance Medical-Surgical Nursing-III (Theory) subject is developed in BSN 4th year where cardiac, pulmonary, renal, neurology and oncology are included with the total 50 hours and 3 credit hours is added. Gynaecology nursing is added as a separate subject in third year with the total 50 hours and 3 credit hours.

Some subjects are renamed: Mental health nursing to Psychiatric nursing, Obstetric (Midwifery) nursing to Midwifery, Child health nursing to Pediatric nursing, Nursing research and biostatistics to Research and biostatistics in nursing.

It covers total credit hours of one hundred forty-one (141) theory and practical one hundred twenty-two (122) throughout the four years of course.

DURATION OF THE COURSE

The duration of Bachelor of Science in Nursing course has been designed for four academic years.

ADMISSION CRITERIA

- Candidate must have completed intermediate science or 10+2 or A level with biology are eligible with equivalent to C+ or 50% in aggregate as per National Examination Board, Nepal.
- Must be physically and mentally fit.

- Must have completed 17 years of age.

Entrance Examination

The entrance examination is consisted of total 100 multiple choice questions with a time duration of 2 hours. Candidates will be selected on the basis of merit list.

Commencement of the course

As per the Purbanchal University Academic Calendar.

Teaching-Learning Methods

Various methods of teaching learning will be used in participatory approach. Lecture, discussion, group discussion, demonstration, self-directed learning, problem-based learning, observation, simulation in skill lab, field and clinical practice, written assignments, project work, group presentation and others as per need of the course subject.

Evaluation Scheme

Theory: Written Examination

Internal assessment : 20% of total marks

Final assessment : 80% of total marks - MCQs, Problem Based Question, Long Answer Questions, Short Answer Questions

Practical evaluation:

Internal evaluation : 50% of total marks

Final evaluation : 50% of total marks

Type of examination

Internal evaluation (as mentioned in the curriculum)

- Project work
- Performance evaluation
- Case study/Presentation
- Client teaching
- Student teaching
- Documentation, information and communication (Report writing and presentation)
- Maintaining procedure logbook
- Procedure Evaluation
- Drug card/Book
- Nursing Care Plan
- Maintaining Gadget and others as mentioned in evaluation tool of each subject.

Final examination: 50%

- Procedure evaluation, need based care of patient (as mentioned in the curriculum)
- OSPE/OSCE/Simulation: 30%
- VIVA: 20% (as mentioned in the curriculum)

Course Overview: Bachelor of Science in Nursing (BSN)

BSN: First Year

S.N .	Course Code	Course Title	Theory		Practical	
			Hours (cr.hr)	Marks	Hours (cr.hr)	Marks
1	BSN 101	Anatomy and Physiology	120+30 (9)	100	144 (5) 4 weeks One week in each clinical area (6 days in a week)	50 (20+20+10)
2	BSN 102	Biochemistry	50+15(4)	50		
3	BSN 103	Microbiology/ Parasitology	50+15(4)	50		
4	BSN 104	Pathophysiology	50+15(4)	50		
5	BSN 105	Pharmacology	50 +15(4)	50		
6	BSN 106	Nutrition and Dietetics	50 (3)	50	36 (1) 1 week	50
7	BSN 107	Foundation of Nursing	150 (9)	100	420 (13)	100
8	BSN 108	Community Health Nursing-I	100 (6)	100	200 (6)	100
Total Hours (1510)			620+90 (44)	550	800 (25)	300

Note: Theory 7 hours/day, Practicum 6 hours/day, and 12 hours/night

BSN: Second Year

S. N.	Course Code	Course Title	Theory		Practical	
			Hours (cr.hr)	Marks	Hours (cr.hr)	Marks
1	BSN 201	Nursing Concept and Theories	100 (6)	-	-	-
2	BSN 202	Medical-Surgical Nursing-I	100 (6)	100	200 (6)	100
3	BSN 203	Medical-Surgical Nursing-II (EENT, OT, Emergency, Skin)	100 (6)	100	200 (6)	100
4	BSN 204	Psychiatric Nursing	100 (6)	100	200 (6)	100
5	BSN 205	Community Health Nursing-II	100 (6)	100	200 (6)	100
6	BSN 206	Medical Sociology/Anthropology	50 (3)	50	-	-
7	BSN 207	Geriatric Nursing	50 (3)	50	100 (3)	50
Total hours (1500)			600 (38)	500	900 (28)	450

Note: Theory 7 hours/day, Practicum 6 hours/day and 12 hours/night

BSN: Third Year

S. N.	Course Code	Course Title	Theory		Practical	
			Hours (cr.hr)	Marks	Hours (cr.hr)	Marks
1	BSN 301	Pediatric Nursing	100 (6)	100	180 (5)	100
2	BSN 302	Midwifery -I	100 (6)	100	180 (5)	100
3	BSN 303	Midwifery -II	100 (6)	100	180 (5)	100
4	BSN 304	Midwifery - III	75 (5)	100	180(5)	100
5	BSN 305	Community Health Nursing-III	100(6)	100	200(6)	100
6	BSN 306	Basic Epidemiology	50(3)	50	-	-
7	BSN 307	Gynaecology Nursing	50(3)	50	100(3)	50
Total Hours (1575)			575 (36)	600	1000 (31)	550

Note: Theory 7 hours/day, Practicum 6 hours/day and 12 hours/night

BSN: Fourth Year

S. N.	Course Code	Course Title	Theory		Practical	
			Hours (cr.hr)	Marks	Hours (cr.hr)	Marks
1	BSN 401	Research and Biostatistics in Nursing	120 (7)	100	300 (9)	100
2	BSN 402	Educational Science	100 (6)	100	300 (9)	100
3	BSN 403	Leadership and Management	100 (6)	100	300 (9)	100
4	BSN 404	Medical-Surgical Nursing-III (Cardiopulmonary, Oncology, Nephrology, Neurology)	50 (3)	50	300 (9)	100
Total hours (1570)			370 (23)	350	1200 (38)	400

Note: Theory 7 hours/day, Practicum 6 hours/day and 12 hours/ night

Operational Calendar

First Year

Subject	Study Block	FON	CHN I	Basic Science	Vacation	Revision Class	Final Exam	Total
Hour	620+90	420	200	144				
Week	17	13	6	4	8	2	2	52

Second Year

Subject	Study Block	Med-Surg I	Med-Surg II	Psychia Nursing	CHN II	Geriatric Nursing	Vacation	Revision Class	Final Exam	Total
Hour	600	200	200	200	200	100				
Week	14	6	6	6	6	2	8	2	2	52

Third Year

Subject	Study Block	Pedia Nursing	Midwifery I	Midwifery II	Midwifery III	CHN III	Gynaeco Nursing	Vacation	Re vision Class	Final Exam	Total
Hour	575	180	180	180	150	180	75				
Week	14	5	5	5	4	5	2	8	2	2	52

Fourth Year

Subject	Study Block	Leadership and Management	Research and Biostatistics	Nursing Education	Med-Sur III	Vacation	Revision Class	Final Exam	Total
Hour	370	300	300	300	300				
Week	9	8	8	8	8	8	2	1	52

BSN: First Year

S.N.	Course Code	Course Title	Theory		Practical	
			Hour (cr.hr)	Mark	Hour (cr.hr)	Mark
1	BSN 101	Anatomy and Physiology	120 +30 (9)	100	144 (5) 4 weeks One week in each clinical area (6 days in a week)	50 (20+20+10)
2	BSN 102	Biochemistry	50 +15 (4)	50		
3	BSN 103	Microbiology/Parasitology	50+15 (4)	50		
5	BSN 104	Pathophysiology	50+15 (4)	50		
4	BSN 105	Pharmacology	50 +15 (4)	50	-	
6	BSN 106	Nutrition and Dietetics	50 (3)	50	36 (1) 1 week	50
7	BSN107	Foundation of Nursing	150 (9)	100	420 (13)	100
8	BSN108	Community Health Nursing-I	100 (6)	100	200 (6)	100
Total Hours			620+90(44)	550	800 (25)	300
Weeks (42)			17		25	

Note: Theory 7 hours/day, Practicum 6 hours/day and 12 hours/night cr.hr = Credit Hour