

CURRICULUM

Bachelor of Science in Post Basic Nursing And Bachelor of Science in Post Basic Public Health Nursing

Updated in 2019



**Bangladesh Nursing & Midwifery Council
Dhaka, Bangladesh**

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Bachelor of Science in Post Basic Nursing And Bachelor of Science in Post Basic Public Health Nursing

Background

The B.Sc. in Post Basic Nursing and B.Sc. in Post Basic Public Health Nursing Curriculum of Bangladesh were revised in 1998. This curriculum has been implementing since 2001. The course consists of two years and designed for registered nurses who completed Diploma in Nursing and Diploma in Midwifery / Orthopedics Nursing / Psychiatric Nursing and who completed Diploma in Nursing Science and Midwifery course. Curriculum is continuous changing process because of dynamic advancement of medical technologies, changing of disease patterns, nursing interventions, process and its scientific management as well as increasing the demand of the qualified nurses nationally and internationally. Meanwhile, the present curriculum is needed to be changed for updating because of changing of nursing educational system for the achievement of organizational goals and to maintain the uniformity in between different universities within the country. Therefore, the Government of Bangladesh has taken decision to update the existing curriculum document.

Name of the Program:

Bachelor of Science in Post Basic Nursing

And

Bachelor of Science in Post Basic Public Health Nursing

Degree Awarded:

Bachelor of Science in post Basic Nursing

And

Bachelor of Science in Post Basic Public Health Nursing

Duration of the Program

Bachelor of Science in Post Basic Nursing and Bachelor of Science in Post Basic Public health nursing courses are designed for 02(two) academic years. Two (02) academic years of education is compulsory for both courses. Academic year will start from July in each year.

Goal:

The overall goal of the educational programme is to prepare qualified and competent nurses who will be able to demonstrate the skills of using in-depth knowledge-based practice for the provision of holistic and client-centered care to prevent, promote, maintain, and restore the health of individuals, families, and communities in complex health situations to achieve the Sustainable Development Goals (SDGs).

Specified Course Objectives:

The objectives of this educational program are to develop advanced professional nurses who will be able to:

- 1 Demonstrate a good understanding of anatomy and physiology for its significant and relevant to quality nursing care.
- 2 Demonstrate a better understanding in microbiology & Pathology for providing proper nursing care.
- 3 Develop knowledge in study skills for nursing professionals.

- 4 Plan, implement and evaluate the provision of nursing care for different group of patients across the wide range of acute and chronic medical and surgical conditions.
- 5 Plan, implement and evaluate the provision of community based nursing care and services appropriate for community peoples in a wide range.
- 6 Demonstrate a good understanding in nutrition, nutritional assessment and biochemistry and be able to maintain the nutritional status for all age groups.
- 7 Demonstrate a good understanding of epidemiology in relation to health and illness.
- 8 Demonstrate a depth understanding of reproductive health for providing care and services to the people of different age groups in any settings.
- 9 Demonstrate a good understanding on mental health and psychiatric nursing.
- 10 Demonstrate a better understanding in behavioural science and develop appropriate skills for dealings client centered care.
- 11 Develop ability in planning, implementing and evaluating nursing education and curriculum development.
- 12 Demonstrate a better understanding in health education and communication skills.
- 13 Demonstrate a better understanding in nursing administration and management.
- 14 Develop a good understanding in nursing research.

Eligibility criteria for Admission:

Applicants who meet the following criteria will be eligible to enter into the course;

1. Must be registered by Bangladesh Nursing and Midwifery Council.
2. The applicants must have passed either Diploma in nursing and Diploma in Midwifery /Orthopedic Nursing/Psychiatric nursing or Diploma in Nursing Science & Midwifery.
3. The applicants (Government) must have minimum 2 years working experiences as Registered nurse /Registered nurses midwife.

4. Nursing Registration of the applicant must have updated by Bangladesh Nursing and Midwifery Council.
5. The applicant must have passed the admission test both Public and Private.
6. Successful candidates must be performed medical fitness check up before admission.
7. All candidates must submit application through proper channel.

Registration

After admission every student must do registration as per Bangladesh Nursing and Midwifery Council and concerned university's rules & regulations.

Medium of Instruction

English language is used as a medium of instruction with supplemental Bangla language, as necessary.

Teaching System:

Individual College may have own preference for conducting the teaching session. Theoretical and practical session may be arranged either in class room or practical placement.

Method of Teaching:

Teaching strategies and learning experiences used throughout the program are appropriate for Bachelor of Science in Post Basic Nursing and Bachelor of Science in Post Basic Public Health Nursing students through interactive teaching-learning methods. Teaching strategies are carefully selected to facilitate active learning and based on critical thinking, such as brain storming, lecture, demonstration, group discussion, role play, peer group assessment, assignment, case study, simulation, clinical teaching, field trips etc. *There should be a provision for students counseling and tutorial classes to resolve the academic and personal problems related to study.*

Teaching Aids:

There will be various teaching Aids are used for teaching in relevant to topics/contents and situation based like-computer, multimedia, dummy, skeleton, organs/models, poster, chart, media, audio aids, scenario based video , various lab etc.

Student's practical placement:

Rotation plan for clinical and field practice of the students will be initially planned by the concerned teachers which will be finalized through a discussion with administrative authorities between college, hospital and other facilities those are selected for clinical practice/visits.

Evaluation System:

1. Regular final examination will be held at the end of the each academic year under the concerned university.
2. Year final examinations will be held twice in each year in June and December under the concerned university; each examination shall be considered as regular/supplementary.
3. Internal examination will be conducted internally for the area of background science & the marks will be preserved by the individual college.
4. A student must pass the background science subjects then she/he will get opportunity to sit regular final exam.
5. A student must appear in each year final examination & must achieve a pass grade.
6. Assessment area includes course work, practicum, written and oral of that specific subject.
7. Pass Marks: 60% marks must be obtained in each individual areas of formative and summative assessment in each subject. **If a student cannot secure pass mark in any assessment compartment of a subject there shall be scope to make up the pass mark (2 marks for each failed subject) from other assessment compartments of that specified subject.**
8. **According to syndicate decision of Dhaka University 02% grace mark is allowed for each subject.**
9. Student who fails (obtain less than 60% marks) in any part of the subject; she/he will appear in the next examination of that failed subject.
10. If the student fails in any number of subject at the regular final examination; she/he will get chance for supplementary / re-sit examination within the successive year, if she/he fails in second time re-sit examination then she/he will loss of successive year.

11. If a student fails in the first year examination she/he will get maximum three chances for passing the examination of that year. She/ he may attend 2nd year class but will not be allowed to appear in the 2nd year final examination until she/he passes all subjects of first year.
12. If a student fails after appearing three times for completing first year exam; she/he will be dropped out from the program.
13. All examination will be governed by the rules of concerned university.

Method of assessment:

Methods of assessment are both formative and summative for theory as well as for practice. Major emphasis will be given in the acquisition of clinical skills of all professional courses.

1. Formative Assessment:-

- a) **In the theoretical part:** Formative assessment will be done throughout the program which includes a combination of class attendance, course work assignment and internal examination (internal examination will be conducted according to institutional convenient time).
- b) **Practical part:** Formative assessment includes regular attendance in clinical settings and field visit. Evaluation of clinical field performance will be done through observation, check-list, preparation of nursing care plan, case presentation, report writing, food faire, health education session, micro teaching. If a student fails the clinical practice requirements of the course for any reason; she/he has makeup her/his clinical practices in extra time.
- c) **Project development:** The students must develop project on the subject of Curriculum Development and Nursing Research in a small group (The group should consists of 6-8 students)

2. Summative assessment:

Summative assessment will be done at the end of the course which includes written oral and practical examination.

Examination system and distribution of marks:

1. Year wise Assessment Procedure is specified because of differentiation of subject weight & marks.

2. Total marks in each year of B.Sc. in Nursing/Public health Nursing are as follows:

First year	= 1500
Second year	= 1200

Total	= 2700

3. Essay Answer Question (EAQ) value is 10 marks
4. Short Answer Question (SAQ) value is 05 marks
5. Objective question (correct answer and best answer) value is 01 mark for each question.
6. Year final examination will be taken at the end of the each academic year and re-examinee will appear in the next exam.
7. The examination system and total marks for course work, written, oral and practical is given subject wise.

Objective Type Questions:

1. **Number of item:**20 for each course except study skills
2. **Time allocation:** 1 minute for each question.
3. **Objective type questions** will cover 50% best answer and 50% correct answer
4. **Marks allocation:** Each question will carry 1 mark
5. **Objective type questions** examination will be taken at the beginning of the written examination.
6. Essay type or a combination of mixed type of questions such as short type and essay questions.

Duration of Examination Hours:

Examination hours for written paper will be 3hours for 90 marks.

Curriculum Design:

There are 13 (thirteen) courses within two years. The courses are categorized under 05(Five) areas;

1. Background Science
2. Advanced Clinical care
3. Education and Training.
4. Administration & Management and
5. Research

There are a total thirteen (13) subjects in major five (05) areas. Background Science subjects are entitled as internal subjects. These are Anatomy & physiology, Microbiology & pathology. Two subjects are internal examination.

The remaining 10 (ten) subjects are assessed as the part of the university assessment process. These subjects are compulsory for Bachelor of Science in Post Basic Nursing and Bachelor of Science in Post Basic Public Health Nursing except comprehensive Nursing & pathophysiology and Community Health Nursing. Bachelor of Science in Post Basic Nursing and Bachelor of Science in Post Basic Public Health Nursing course are differentiated through comprehensive Nursing & Pathophysiology and Community Health Nursing. But both subjects will be studied by both groups of students according to prescribed hours.

Core subject: Comprehensive Nursing & pathophysiology for Bachelor of Science in Nursing and Community Health Nursing for Bachelor of Science in Public Health Nursing.

Curriculum Structure for B.Sc. in Post Basic Nursing

The overall course structure is designed for 44 weeks out of 52 weeks in a year, covering theoretical and practical sessions including revision and year final examination. Remaining 8 weeks is kept for government holidays and leaves.

Number of Courses

Sl. No.	Year Wise Subject Distribution for B.Sc.in Post Basic Nursing		
Back Ground Science			
		1st year	2nd year
1.	Anatomy and Physiology	√	
2.	Microbiology and Pathology	√	
Advanced Clinical Care			
1.	Comprehensive Nursing and Pathophysiology	√	√
2.	Nutrition , Nutritional Assessment and Biochemistry	√	
3.	Epidemiology	√	
4.	Reproductive Health		√
5.	Mental Health and Psychiatric Nursing		√
Education & Training			
6.	Behavioural Science	√	
7.	Nursing Education and Curriculum Development	√	√
8.	Health Education and Communication Skills		√
Administration & Management			
9.	Nursing Administration and Management	√	√
Research			
10.	Nursing Research	√	√
11.	Study skill	√	
Number of Subjects		10	07

Curriculum Structure for B.Sc. in Post Basic Public Health Nursing

The overall course structure is designed for 44 weeks out of 52 weeks in a year, covering theoretical and practical sessions including revision and year final examination. Remaining 8 weeks is kept for government holidays and leaves.

Number of Courses

Sl. No.	Year Wise Subject Distribution for B.Sc.in Post Basic Public Health Nursing		
Back Ground Science			
		1st year	2nd year
1.	Anatomy and Physiology	√	
2.	Microbiology and Pathology	√	
Advanced Clinical Care			
1.	Community Health Nursing	√	√
2	Nutrition , Nutritional Assessment and Biochemistry	√	
3.	Epidemiology	√	
4.	Reproductive Health		√
5.	Mental Health and Psychiatric Nursing		√
Education & Training			
6.	Behavioural Science	√	
7.	Nursing Education and Curriculum Development	√	√
8.	Health Education and Communication Skills		√
Administration & Management			
9.	Nursing Administration and Management	√	√
Research			
10.	Nursing Research	√	√
11	Study skill	√	
Number of Subjects		10	07

Allocated hours& marks for B.Sc. in Post Basic Nursing (1st year)

Sl. No	Subjects	Theory	Lab	Practice	Total hours	Formative Marks			Summative Marks			
		Nursing				Course Work	Practum		Written	Oral	Practical	Total
							Practical	Project Defense				
Back Ground Science												
1	Anatomy and Physiology	60	48	-	108	-	-	-	100	30	20	150
2	Microbiology and Pathology	36	28	-	64	-	-	-	100	30	20	150
Advanced Clinical Care												
3	Comprehensive Nursing and Pathophysiology	120		288	448	20	100	-	100	30	-	250
	Community Health Nursing	30										
4	Nutrition , Nutritional Assessment and Biochemistry	60	32	48	140	20	20	30	100	30	-	200
5	Epidemiology	60		-	60	20	-	-	100	30	-	150
Education & Training												
7	Behavioural Science	80		-	80	20	-	-	100	30	-	150
8	Nursing Education and Curriculum Development	110		96	206		20		100	30	-	150
Administration & Management												
9	Nursing Administration and Management	80		96	176		20		100	30	-	150
Research												
10	Nursing Research	60		48	108			50	100	-	-	150
11	Study Skill	60			60	-	-	-	-	-	-	-
Total =		756	108	576	1440	80	160	80	900	240	40	1500

Allocated hours & marks for B.Sc. in Post Basic Public Health Nursing (1st year)

Sl. No	Subjects	Theory	Lab	Practice	Total hours	Formative Marks			Summative Marks			Total
						Course Work	Practum		Written	Oral	Practical	
							Practical	Project Defense				
Back Ground Science												
1	Anatomy and Physiology	60	48	-	108	-	-	-	100	30	20	150
2	Microbiology and Pathology	36	28	-	64	-	-	-	100	30	20	150
Advanced Clinical Care												
3	Comprehensive Nursing and Pathophysiology	30										
	Community Health Nursing	120		288	448	20	100	-	100	30	-	250
4	Nutrition , Nutritional Assessment and Biochemistry	60	32	48	140	20	20	30	100	30	-	200
5	Epidemiology	60		-	60	20	-	-	100	30	-	150
Education & Training												
7	Behavioural Science	80		-	80	20	-	-	100	30	-	150
8	Nursing Education and Curriculum Development	110		96	206		20		100	30	-	150
Administration & Management												
9	Nursing Administration and Management	80		96	176		20		100	30	-	150
Research												
10	Nursing Research	60		48	108			50	100	-	-	150
11	Study Skill	60			60	-	-	-	-	-	-	-
Total =		756	108	576	1440	80	160	80	900	240	40	1500

Allocated hours & marks for B.Sc. in Post Basic Nursing (2nd year)

Sl. No	Subjects	Theory	Practice	Total hours	Formative Marks			Summative Marks		Total
					Course work	Practicum		Written	Oral	
						Practical	Project			
1.	Comprehensive Nursing and Pathophysiology	110	192	302	20	50	-	100	30	200
2.	Reproductive Health and Fertility	90	96	186	-	20	-	100	30	150
3.	Mental Health and Psychiatric Nursing	80	48	128	-	20	-	100	30	150
4.	Nursing Education and Curriculum Development	90	336	426	-	30	40	100	30	200
5.	Health Education and Health Promotion	82	48	130	20	50		100	30	200
6.	Nursing Administration and Management	80	48	128	-	20	-	100	30	150
7.	Nursing Research	80	192	272	20	-	100	-	30	150
	Total =	612	960	1572	60	190	140	600	210	1200

Allocated hours & marks for B.Sc. in Post Basic Public Health Nursing (2nd year)

Sl. No	Subjects	Theory	Practice	Total hours	Formative Marks			Summative Marks		Total
					Course work	Practicum		Written	Oral	
						Practical	Project			
1.	Community Health Nursing	110	192	302	20	50	-	100	30	200
2.	Reproductive Health and Fertility	90	96	186	-	20	-	100	30	150
3.	Mental Health and Psychiatric Nursing	80	48	128	-	20	-	100	30	150
4.	Nursing Education and Curriculum Development	90	336	426	-	30	40	100	30	200
5.	Health Education and Health Promotion	82	48	130	20	50		100	30	200
6.	Nursing Administration and Management	80	48	128	-	20	-	100	30	150
7.	Nursing Research	80	192	272	20	-	100	-	30	150
	Total =	612	960	1572	60	190	140	600	210	1200

BMMC

Master Plan 1 st year																						
Weeks	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	T	T	T	T	T	T	T	T	T	T	T	T	Lab	Lab	Lab	T	T	T	T	T	T	In-ex
Weeks	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
	Field Visit	P	P	P	P	P	P	P	P	P	P	P	P	T	T	T	RC	SL	EX	EX	EX	EX

Master Plan 2 nd Year																						
Weeks	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	T	T	T	T	T	T	T	T	T	T	T	T	P	P	P	P	P	P	P	P	T	T
Weeks	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
	Field Visit	P	P	P	P	P	P	P	P	P	P	P	P	T	T	T	RC	SL	EX	EX	EX	EX

T= Theoretical
SL=Study leave

P= Practical
Ex=Examination

In-ex= Internal examination

Fv = Field Visit

RC =Revision Class

Anatomy and Physiology

Theory:	60 hrs
Lab:	48 hrs
Practical:	0

Course Description:

The subject is designed for strengthening the level of students about Anatomy and Physiology, organization of human body cell level, tissues, and organ level, musculoskeletal system, nervous system, sensory organs, respiratory system, cardio vascular system, digestive system, urinary system, reproductive system, endocrine & metabolic system, lymphatic system & immunity and integumentary system.

Course objectives:-

Upon completion of this course, the student will be able to:

1. Strengthening the level of students about Anatomy and Physiology, organization of human body cell level, tissues, and organ level,
2. musculoskeletal system, nervous system, sensory organs, respiratory system,
3. cardio-vascular system, digestive system, urinary system, reproductive system,
4. endocrine & metabolic system, lymphatic system & immunity and
5. integumentary system.

Teaching Learning Methods:

Lecture
Discussion
Demonstration
Lab practice

Study materials:

Skeleton, bones, organ, Model, chart, posters, reference books

Suggestive Assessment Procedures

1. Formative Assessment		
Class attendance		= 02 (≥ 80)
Class test		= 08

		=10
2. Summative Assessment		
a) Written:		= 90
i. Essay types questions:		= 40
ii. SAQ:		= 30
iii. Objective type's question:		= 20
• Correct answer		
• Best answers		
b) SOE (Oral)		= 30
c) Practical examination		= 20

Microbiology

Theory: **36 hrs**
Lab: **28 hrs**
Practical: 0

Course Description:

This course is designed to provide a better understanding to the students about the fundamental principles of microbiology and pathology with emphasis on the general characteristics and general properties of microorganisms, bacteria, fungi, viruses and protozoa. Practicum will cover media preparation & control of microbial growth, microbial genetic, metabolisms, drug resistance and the effects of microorganisms on the health and well-being.

Course Objectives:

Upon the completion of this course the student will be able to:

1. Demonstrate a good understanding about fundamental principles of microbiology.
2. Describe general characteristics of microbes and laboratory methods for identification of micro-organisms.
3. Understand the effects of microorganisms on the health and well- being.
4. Perform practicum for media preparation for isolation & control of Microbial growth, microbial genetic, metabolisms, drug resistance on health and wellbeing.

Teaching Learning Methods:

Brain storming
Lecture
Discussion
Demonstration
Lab practice

Suggestive Assessment Procedures

1. Formative Assessment

Class attended	= 02 (≥ 80)
Class test	= 08

	10

2. Summative Assessment

a) Written:	= 90
i. Essay types questions:	= 40
ii. SAQ:	= 30
iii. Objective type's question:	= 20
• Correct answer	
• Best answers	
b) SOE (Oral)	= 30
c) Practical examination	= 20

Comprehensive Nursing and Pathophysiology

Theory:	260 hrs
Lab:	0
Practical:	480 hrs

Course description:

This course is designed to provide comprehensive knowledge to the students regarding acute and chronic medical surgical illness with their nursing care procedures, pathophysiology of acute and chronic diseases, metabolic and endocrine disorders, digestive disorders, cardiovascular disease, respiratory disease, urinary disease, allergic conditions, care of cancer patient, emergency drugs therapy, trauma and accident, critical care and palliative care for peaceful death; and rehabilitative care of an individuals and their families in any setting.

Units 1-5 of course syllabus will be studied by both department (Nursing and Public Health Nursing) combindly.

Course Objectives:

Upon completion of the course the students will be able to:

1. Understand acute and chronic medical surgical illness with their nursing care procedures
2. Understand pathophysiology of acute and chronic diseases
3. Describe metabolic, endocrine disorders and digestive disorders
4. Explain the cardiovascular and respiratory disease,
5. Describe urinary and cancer disease.
6. Demonstrate knowledge and skills about emergency drugs therapy, trauma and accident and critical care.
7. Define the changing concepts of community health nursing.
8. Explain the principles of primary health care and nurses' roles in primary health care team.
9. Understand and utilize community approaches to identify the basic health needs of the patients and prioritize those needs to carry out nursing care for acute and chronic health related problems.
10. Define the concept of disaster and its management, impact and response and nurse role during emergency and disaster.

Teaching-learning Methods:

1. Brain storming
2. Lecture
3. Discussion
4. Demonstration
5. Clinical teaching
6. Role play
7. Case study

Suggested Assessment Procedures

1st year

1. Formative Assessment

<i>a) Assignment</i>	
Course work	= 20
b) <i>Clinical Practice & Case Presentation:</i>	= 100
i. Practicum	= 50
ii. Case presentation	= 50
Class attendance	= 02 (≥ 80)
Class test	= 08

	= 10

2. Summative Assessment

a) Written:	= 90
i. Essay types questions:	= 40
ii. SAQ:	= 30
iii. Objective type's question:	= 20
• Correct answer	
• Best answers	
b) SOE (Oral):	= 30

2nd year

1. Formative Assessment

<i>a) Assignment</i>	
Course work	= 20
b) <i>Clinical Practice & Case Presentation:</i>	= 50
i. Practicum	= 25
ii. Case presentation	= 25
Class attendance	= 02 (≥ 80)
Class test	= 08

	= 10

2. Summative Assessment

a) Written:	= 90
i. Essay types questions:	= 40
ii. SAQ:	= 30
iii. Objective type's question:	= 20
• Correct answer	
• Best answers	
b) SOE (Oral):	= 30

Community Health Nursing

Theory:	260 hrs
Lab:	0
Practical:	480 hrs

Course Description:

The course is essential for public health nurses for providing depth understanding about changing concepts of community health nursing in the community; understanding in public health nursing, responsibility of nurses in early case finding, health assessment and health education based on principles of primary health care, nursing process, approach and care to the individual, family and community, home visiting, school health, dental health environmental and occupational health assessment strategies, diagnostic procedures, and pharmacological principles, health determinants emergency & disaster management, acute and chronic medical surgical illness, metabolic and endocrine disorders, digestive disorders, cardiovascular disease, respiratory disease, urinary disease, allergic conditions, care of cancer patient, emergency drugs therapy, trauma and accident, critical care and palliative care for peaceful death; and rehabilitative care of an individuals and their families in any setting.

Unit 1 – 6 of course syllabus will be studied by both department(Nursing and Public Health Nursing) combindly.

Course Objectives:

Upon completion of the subject the student will be able to:

1. Define the changing concepts of community health nursing.
2. Explain the principles of primary health care and nurses' roles in primary health care team.
3. Understand and utilize community approaches to identify the basic health needs of the patients and prioritize those needs to carry out nursing care for acute and chronic health related problems.
4. Discuss the preventive, curative, promotive and rehabilitative care at hospital, clinic and community by using nursing process.
5. Plan, implement and evaluate specific community health program such as home visiting, school health, dental health, family health, occupational & environmental health and care for long term illness.

6. Understand the health care delivery system of Bangladesh.
7. Define the concept of disaster and its management, impact and response and nurse role during emergency and disaster.
8. Describe metabolic, endocrine disorders and digestive disorders
9. Explain the cardiovascular and respiratory disease,
10. Describe urinary and cancer disease.
11. Demonstrate knowledge and skills about emergency drugs therapy, trauma and accident and critical care.

Teaching Learning Methods:

1. Brain storming
2. Lecture
3. Discussion
4. Field Trip/Visit
5. Role play
6. Case study

Suggested Assessment Procedures
1st year

1. Formative Assessment

a) Assignment

Course work = 20

b) Clinical Practice & Case Presentation: =100

i. Practicum = 50

ii. Case presentation = 50

Class attendance = 02 (≥ 80)

Class test = 08

=10

2. Summative Assessment

a) Written:

= 90

i. Essay types questions: = 40

ii. SAQ: = 30

iii. Objective type's question: = 20

▪ Correct answer

▪ Best answers

b) SOE (Oral): = 30

2nd year

1. Formative Assessment

a) Assignment

Course work = 20

b) Clinical Practice & Case Presentation: = 50

i. Practicum = 25

ii. Case presentation = 25

Class attendance = 02 (≥ 80)

Class test = 08

=10

2. Summative Assessment

a) Written:

= 90

i. Essay types questions: = 40

ii. SAQ: = 30

iii. Objective type's question: = 20

• Correct answer

• Best answers

b) SOE(Oral): = 30

Nutrition, Nutritional Assessment and Biochemistry

Theory:	60 hrs
Lab:	32 hrs
Practical:	48 hrs

Course Description:

The course is designed for the improvement of nurses' level of understanding about nutrition, food, nutritional assessment and implements this knowledge in the field of nutrition and dietetics with judgment the value of macro & micro nutrients, biochemistry on major biomolecular, enzymes, hormones and nutrition with their fundamental principles involved in body mechanism, contamination of foods and legal and ethical issues for professional standard.

Course Objectives:

Upon the completion of the subject the students will be able to:

1. Demonstrate knowledge about food, nutrients, balanced diet, dietetics menu planning, therapeutic diet, breast feeding & weaning food.
2. Understand the process of digestion, absorption, metabolisms and utilization of foods & nutrients and their clinical consequences.
3. Develop skills to assess nutritional status and nutritional needs for all age groups.
4. Develop knowledge for preventing contamination of foods.
5. Maintain Legal and ethical issues for professional standard.

Teaching Learning Methods:

1. Brain storming
2. Lecture
3. Discussion
4. Role play
5. Demonstration
6. Simulation exercise
7. Case study
8. Field trip

Suggestive Assessment Procedures

1. Formative Assessment

<i>a) Assignment</i>	
i. Course work	= 20
ii. Food Fair	= 30
<i>b) Clinical Practice</i>	= 20
Class attendance	= 02 (≥ 80)
Class test	= 08

=10

2. Summative Assessment

<i>a) Written:</i>	= 90
i. Essay types questions:	= 40
ii. SAQ:	= 30
iii. Objective type's question:	= 20
▪ Correct answer	
▪ Best answers	
b) SOE (Oral):	= 30

Epidemiology

Theory: 60 hrs

Lab: 0

Practical: 0

Course Description:

This course has been included for better understanding about epidemiology, epidemiological measurement tools, epidemiological triads, epidemiological study methods, concept of health & disease, surveillance, screening, communicable & non-communicable diseases and its control & prevention.

Course Objectives:

Upon the completion of the subject the Students will be able to:

1. Understand about epidemiology, epidemiological measurement tools, epidemiological triads, epidemiological study methods,
2. Discuss concept of health & disease, surveillance, screening,
3. Explain communicable & non-communicable diseases and its control & prevention.

Teaching Learning Methods:

1. Brain storming
2. Lecture
3. Discussion
4. Role play
5. Demonstration
6. Simulation exercise
7. Case study
8. Field visit

Suggestive Assessment Procedures

1. Formative Assessment

a) Assignment

Course work	= 20
Class attendance	= 02 (≥ 80)
Class test	= 08
-----	=10

2. Summative Assessment

a) Written:

- | | |
|---------------------------------|------|
| i. Essay types questions: | = 40 |
| ii. SAQ: | = 30 |
| iii. Objective type's question: | = 20 |
| ▪ Correct answer | |
| ▪ Best answers | |

b) SOE (Oral):

= 30

Behavioral Science

Theory:	80 hrs
Lab:	0
Practical:	0

Course description:

The courses has been organized to raise the competencies of students about behavioral science, social structure and its relationship in the society, religions, social movements, culture, health beliefs and practices, folk and traditional healers, social and behavior change communication, concept of Psychology, psychological theories, motivation, Erikson's psychosocial stages of development, personality, sexuality and sexual orientation and life crisis.

Course objectives:

Upon the completion of the subject the Students will be able to:

1. Understand behavioral science, social structure and its relationship in the society, religions, social movements, culture, health beliefs and practices
2. Understand about folk and traditional healers, social and behavior change communication
3. Explain the concept of Psychology, psychological theories, motivation, Erikson's psychosocial stages of development
4. Explain the personality, sexuality and sexual orientation and life crisis.

Teaching Learning Methods:

1. Brain storming
2. Lecture
3. Discussion
4. Demonstration
5. Field visit

Suggestive Assessment Procedures

1. Formative Assessment

a) Assignment

Course work	= 20
Class attendance	= 02(≥80)
Class test	= 08

	=10

2. Summative Assessment

a) Written:

- | | |
|---------------------------------|------|
| i. Essay types questions: | = 40 |
| ii. SAQ: | = 30 |
| iii. Objective type's question: | = 20 |
| ▪ Correct answer | |
| ▪ Best answers | |

b) SOE (Oral): = 30

Nursing Education and Curriculum Development

Theory:	200 hrs
Lab:	0
Practical:	432 hrs

Course Description

The course has been organized to develop the competencies of students about concept and history of nursing education, current trends in nursing education, different terminologies, learning, teacher and teaching, teaching methods, teaching aids, nature and purposes of curriculum and curriculum development, philosophy of nursing education, educational objective, curriculum development process, task analysis, learning experience, nursing education and clinical placement audit.

Course Objectives:

Upon completion of the prescribed contents participants will be able to:

1. Understand the concept of nursing education, learning and different terminologies
2. Define teacher and teaching, teaching methods, teaching Aids
3. Explain the nature and purposes of curriculum and curriculum documents
4. Explain the importance of philosophy in nursing education and educational objectives
5. Understand the process of curriculum development, task analysis, learning experience
6. Explain the significance of nursing education and clinical placement audit.

Teaching Learning Methods

1. Brain storming
2. Lecture
3. Discussion
4. Role play
5. Simulation
6. Peer group assessment
7. Field visit

Suggestive Assessment Procedures:

1st year

1. Formative Assessment

a) Teaching practice (institution based) = 20

Class attendance = 02(≥ 80)

Class test = 08

=10

2. Summative Assessment

a) **Written:** = 90

i. Essay types questions: = 40

ii. SAQ: = 30

iii. Objective type's question: = 20

- Correct answer

- Best answers

b) **SOE (Oral):** = 30

Suggestive Assessment Procedures:

2nd Year

1. Formative Assessment

a) Teaching practice = 30

b) Project (curriculum booklet) = 40

Class attendance = 02(≥ 80)

Class test = 08

=10

2. Summative Assessment

a) **Written:** = 90

i. Essay types questions: = 40

ii. SAQ: = 30

iii. Objective types question: = 20

- Correct answer

- Best answers

b) **SOE (Oral):** = 30

Nursing Administration and Management

Theory:	160 hrs
Lab:	0
Practical:	144 hrs

Course Description:

This course is designed to develop students' capacity about Nursing Administration and Management, planning, decision making, organizing, staffing, directing and leading, leader and leadership, communication and interpersonal relationship, controlling, nursing audits, inventory management, record and reports, coordinating, supervision, budgeting, power and authority in nursing, delegation of authority, time management, educational administration in nursing, job description, procurement, organizational change, organizational conflicts, problem solving, staff development, quality control, concept of employees welfare and social security, Bangladesh Service Rules (BSRs), legal and ethical aspect of nursing.

Course Objective:

Upon completion of this unit the students will be able to –

1. Explain Nursing Administration and Management, planning, decision making, organizing, staffing, directing and leading, leader and leadership
2. Explain administrative communication and interpersonal relationship, controlling, organizational change, organizational conflicts, problem solving, staff development
3. Explain nursing audits, inventory management, record and reports, coordinating, supervision, budgeting
4. Describe power and authority in nursing, delegation of authority, time management, educational administration in nursing, job description
5. Describe procurement, quality control, concept of employees welfare and social security, Bangladesh Service Rules (BSRs), legal and ethical aspect of nursing.

Teaching-learning Methods:

1. Brain storming
2. Lecture
3. Discussion
4. Field Visit
5. Role play
6. Simulation

Suggestive Assessment Procedures

1. Formative Assessment

<i>a) Practice</i>	= 20
Class attendance	= 02(≥80)
Class test	= 08

	=10

2. Summative Assessment

a) Written:	= 90
i. Essay types questions:	= 40
ii. SAQ:	= 30
iii. Objective type's question:	= 20
▪ Correct answer	
▪ Best answer	
b) SOE (Oral):	= 30

Nursing Research

Theory:	140 hrs
Lab:	0
Practical:	240 hrs

Course Description:

This course aims to prepare the students to understand Research, Nursing Research, literature review, formulate research problem, research objective, research methodology, research proposal, development of research tools/ instruments, conducting project, evidence, evidence based nursing (EBN), evidence based practice (EBP), steps of evidence based practice (EBP), , psychometric property, biostatistics, critique of research articles, journal club, ethical issues related to EBN.

Course objectives:

Upon completion of the prescribed contents participants will be able to:

1. Demonstrate a better understanding in research, nursing research, literature review, formulate research problem, research objective, research methodology
2. Develop ability to prepare a research proposal, development of research tools/ instruments and conducting project,
3. Demonstrate a better understanding about evidence, evidence based nursing (EBN), evidence based practice (EBP),
4. Acquire knowledge in biostatistics, psychometric property
5. Develop ability to critique research articles, journal club,
6. Appreciate ethical issues related to EBN.

Teaching Method:

1. Brain storming
2. Lecture
3. Discussion
4. Demonstration

Suggestive Assessment Procedures:**1st Year****1. Formative Assessment**

a) Practice (Proposal Defense)	= 50
Class attendance	= 02(≥ 80)
Class test	= 08

	=10

2. Summative Assessment

a) Written:	= 90
i. Essay types questions:	= 40
ii. SAQ:	= 30
iii. Objective type question:	= 20
• Correct answer	
• Best answer	

2nd Year**1. Formative Assessment**

a) Course work	= 20
b) Project	= 90
Class attendance	= 02(≥ 80)
Class test	= 08

	=10

2. Summative Assessment

SOE (Oral)	= 30
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Study Skill

Theory: 60 hrs
Lab: 0
Practical: 0

Course Description:

The course is designed for the development of nurses' level of knowledge and skills in English language in the areas of reading, writing, speaking and listening.

Course Objectives:

Upon the completion of the subject, Student will be able to:

1. Develop ability to understand health related abstract, stories, books, journals or essays by scanning and skimming.
2. Develop writing ability in English by practicing.
3. Develop ability in fluent speaking in English.
4. Develop listening skills in English by using aids

Teaching Learning Methods:

Lecture
Discussion
Conversation
Debate

Study materials:

1. Computer with internet facilities (Web based searching) ,multimedia, literature, research articles, news paper, journal, magazine and reference books.

Reproductive health

Theory:	90 hrs
Lab:	0
Practical:	96 hrs

Course Description:

This course is designed to provide a comprehensive theoretical knowledge and clinical practice skills on Reproductive health, reproductive endocrinology and genetics, policies and programme on reproductive health, adolescents health, fertility regulation, infertility, psychosomatic problems, human sexuality, safe motherhood, disorders of reproductive age, maternal and child healthcare, family planning procedures, practice skills on contraceptive methods, ethical and legal aspects.

Course Objective:

Upon completion of the prescribed contents students will be able to-

1. Demonstrate the knowledge on Reproductive Health, reproductive endocrinology and genetics, policies and programme on reproductive health
2. Acquire comprehensive knowledge about adolescents' health, fertility regulation, infertility, psychosomatic problems, human sexuality, safe motherhood
3. Describe disorders of reproductive age, maternal and child health care, family planning procedures
4. Demonstrate practice skills on contraceptive methods and ethical and legal aspects.

Teaching Learning Methods:

1. Brain storming.
2. Lecture
3. Discussion
4. Demonstration
5. Clinical teaching
6. Role play
7. Simulation
8. Case study

Suggestive Assessment Procedures

1. Formative Assessment

a) Clinical Practice	= 20
Class attendance	= 02(≥80)
Class test	= 08
	= 10

2. Summative Assessment

a) Written:	= 90
i. Essay types questions:	= 40
ii. SAQ:	= 30
iii. Objective type question:	= 20
▪ Correct answer	
▪ Best answers	
b) SOE (Oral):	= 30

Mental Health and Psychiatric Nursing

Theory:	80 hrs
Lab:	0
Practical:	48 hrs

Course Description:

The course aims to provide knowledge in Mental Health and Psychiatric Nursing, theoretical approaches to psychiatric nursing care, mental illness, psychosis, neurosis, personality disorder/ characterological disorder, childhood disorders/neurodevelopment disorder, organic brain/mental disorder crisis and aggression, psychiatric emergencies, therapeutic communication, therapeutic-nurse patient relationship, therapeutic psychiatry, substance abuse, antipsychotic drugs, community mental health nursing, legal and ethical aspects of mental health nursing.

Course Objectives:

Upon completion of the course the students will be able to-

1. Explain mental health and psychiatric nursing, community mental health nursing, theoretical approaches to psychiatric nursing care, mental illness, psychosis, neurosis, personality disorder/ characterological disorder,
2. Describe childhood disorders, neurodevelopment disorder, organic brain/mental disorders, crisis and aggression, psychiatric emergencies,
3. Demonstrate knowledge on therapeutic communication, therapeutic psychiatry, substance abuse, antipsychotic drugs
4. Describe legal and ethical aspects of mental health nursing.

Teaching-learning Methods:

1. Brain storming
2. Lecture
3. Discussion
4. Role play
5. Simulation
6. Clinical teaching

7. Field visit

Suggestive Assessment Procedures**1. Formative Assessment**

Clinical Practice	= 20
Class attendance	= 02(≥80)
Class test	= 08

	=10

2. Summative Assessment**a) Written:** = 90

- i. Essay types questions: = 40
- ii. SAQ: = 30
- iii. Objective type question: = 20
 - Correct answer
 - Best answer

a) SOE (Oral): = 30

Health Education and Communication Skills

Theory: 200 hrs

Lab: 0

Practical: 432 hrs

Course description:

The course aims to provide well understanding in Health Education and health promotion, process of learning, perception, adoption process, approaches, methods of health education, media used for health education, communication skills, therapeutic communication, nurses' role and responsibility in health education.

Course Objectives:

Upon completion of this subject students will be able to:

1. Demonstrate knowledge and skills in Health Education and health promotion, process of learning, perception, adoption process, approaches
2. Enumerate the methods of health education and medias used for health education
3. Demonstrate knowledge in communication skills, therapeutic communication, nurses' roles and responsibilities in health education.

Teaching-learning Methods

1. Brain storming
2. Lecture
3. Discussion
4. Role play
5. Simulation

Suggestive Assessment Procedures

1. Formative Assessment

a) Assignment

Course work	= 20
Class attendance	= 02(≥80)
Class test	= 08

	=10

2. Summative Assessment

a) Written:

i. Essay types questions:	= 40
ii. SAQ:	= 30
iii. Objective type question:	= 20
▪ Correct answer	
▪ Best answers	

b) SOE (Oral): = 30