

BSC NURSING PROGRAM-Four years (8 semesters)
CHOICE BASED CREDIT SYSTEM (CBCS) & SEMESTER SYSTEM
COMPETENCY BASED CURRICULUM

TEN CORE COMPETENCIES (Figure1)

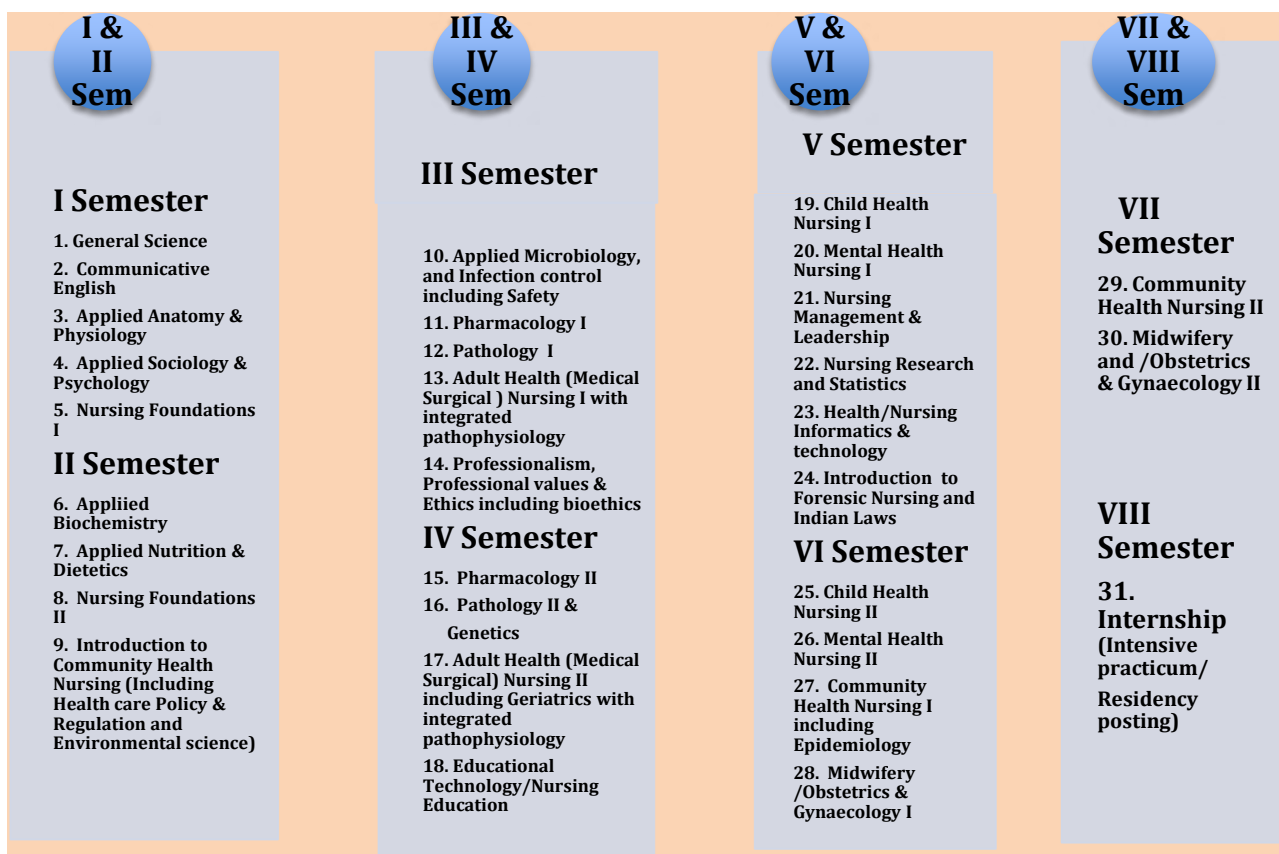
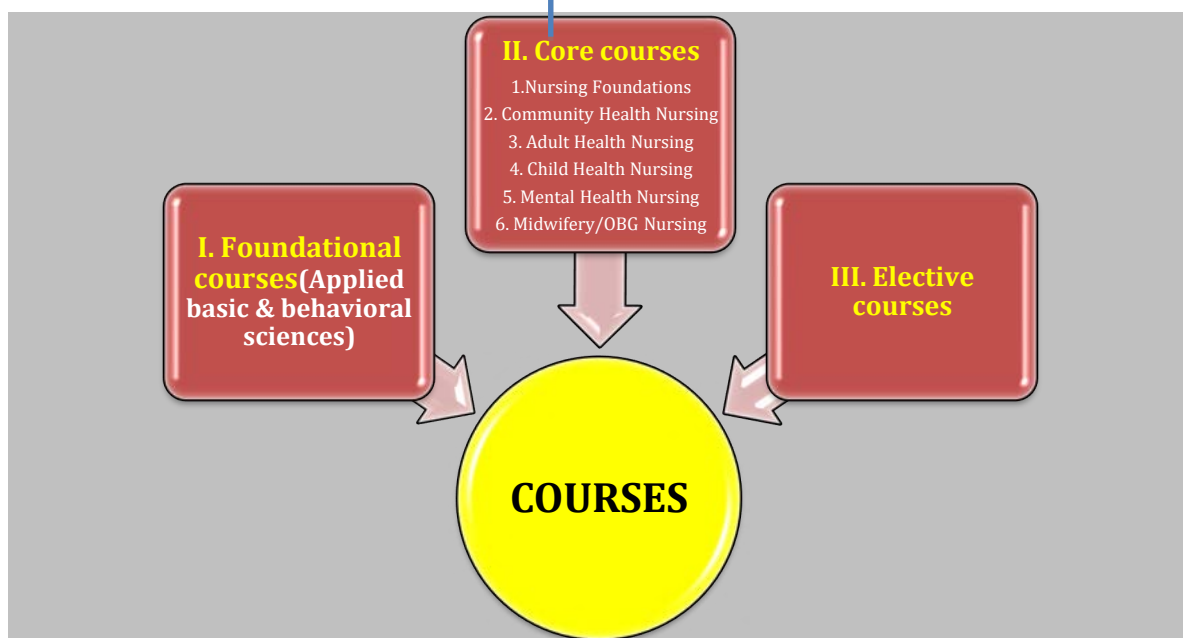


Figure2. Curricular Framework

1. PROGRAM STRUCTURE

BSc Nursing Program Structure			
<u>I Semester</u> <ul style="list-style-type: none"> General Science (Refresher Course) Communicative English Applied Anatomy & applied Physiology Applied Sociology & applied Psychology Nursing Foundations I 	<u>II Semester</u> <ul style="list-style-type: none"> Applied Biochemistry Applied Nutrition and dietetics *Nursing Foundations II including First Aid module Introduction to Community Health Nursing including Health care Policy & Regulation and Environmental Science <u>Mandatory Module</u> *First Aid	<u>III Semester</u> <ul style="list-style-type: none"> Applied Microbiology and Infection Control including Safety Pharmacology I Pathology I *Adult Health (Medical Surgical) Nursing I with integrated pathophysiology Professionalism, Professional values & ethics including bioethics <u>Mandatory Module</u> *BCLS	<u>IV Semester</u> <ul style="list-style-type: none"> Pharmacology II Pathology II & Genetics *Adult Health Nursing II including Geriatric Nursing with integrated pathophysiology Educational Technology/ Nursing education <u>Mandatory Module</u> *Health Assessment
<u>V Semester</u> <ul style="list-style-type: none"> *Child Health Nursing I Mental Health Nursing I Nursing Management & Leadership Nursing Research and Statistics Health/Nursing Informatics & technology Introduction to Forensic Nursing & Indian Laws <u>Mandatory Modules</u> *PLS/PALS, IMNCI, Essential Newborn Care & Facility Based Newborn Care (FBNBC)	<u>VI Semester</u> <ul style="list-style-type: none"> Child Health Nursing II Mental Health Nursing II *Community Health Nursing I (Including epidemiology) Midwifery/ Obstetrics and Gynecology (OBG) Nursing I <u>Mandatory Module</u> * Standard treatment protocols used in national health programmes (Part I from NPPHC syllabus-draft)	<u>VII Semester</u> <ul style="list-style-type: none"> *Community Health Nursing II **Midwifery/Obstetrics and Gynecology (OBG) Nursing II <u>Mandatory Module</u> * Standard treatment protocols used in national health programmes (Part II from NPPHC syllabus - draft) ** SBA module (VI / VII Sem)	<u>VIII Semester</u> Internship (Intensive practicum/ Residency posting) <u>Mandatory Module</u> ACLS

MANDATORY MODULES:

The prepared modules (Health Assessment) and available modules as National guidelines (First Aid-NDMA, IMNCI, ENBC, FBNBC, SBA module, and National program treatment protocols will be provided in separate learning resource package) For BCLS, ACLS, PLS/PALS- Standard national/international modules can be used

ELECTIVE MODULES

Number of electives to be completed: 4 (Every module=1 credit=20Hours)

III & IV Semesters: To complete any **two** electives by end of 4th semester across 1st to 4th semesters

- Human values
- Diabetes Care
- Palliative care
- Disaster Management

V & VI Semesters: *To complete any **one** of the following before end of 6th semester*

- CBT
- Personality development
- Addiction psychiatry
- Adolescent health
- Sports health
- Accreditation and practice standards
- Developmental psychology
- Menopausal health
- Health Economics

VII & VIII Semesters: *To complete any **one** of the following before end of 8th semester*

- Scientific writing skills
- Lactation management
- Sexuality & Health
- Stress management
- Job readiness and employability in health care setting
- Soft Skills

2. CURRICULUM IMPLEMENTATION: OVERALL PLAN

Duration of the program: 8 semesters

1-7 Semesters

One Semester Plan for the first 7 semesters

Total Weeks per Semester: 26wks/semester

Number of Weeks per Semester for instruction: 20 weeks (40hrs/week x 20 weeks=800hours)

Number of Working Days: Minimum of 100 working days (5 days/weekx20 weeks)

Vacation, Holidays, Examination and Preparatory Holidays-6 Weeks

Vacation: 3 weeks

Holidays-1 week

Examination & preparatory holidays-2 weeks

8th Semester

One semester-22 weeks

Vacation-1 week, holidays- 1 week, Exam & preparatory holidays-2wks

4. COURSES OF INSTRUCTION

S.No.	SEMESTER	COURSE NO.	COURSES/ SUBJECTS	Theory (hrs.)	Lab (hrs.)	Clinical (hrs.)	Total (hrs.)
1	First	1	General Science * (Refresher Course)	80			80
		2	Communicative English*	40			40
		3	Applied Anatomy and Applied Physiology	100			100
		4	Applied Sociology & Applied Psychology	100			100
		5	Nursing Foundations I	120	80	160	360
			TOTAL	440	80	160	760
2	Second	1	Applied Biochemistry	20			20
		2	Applied Nutrition and dietetics	40			40
		3	Nursing Foundations II including First Aid Module	120	120	320	560
		4	Introduction to community Health Nursing* (Including Health care Policy & regulation and Environmental Science)	40		80	120
		5	Self study and co curricular	20+20=40			40
			TOTAL	220	120	400	780
3	Third	1	Applied Microbiology and Infection Control including	40	40		80
		2	Pharmacology I	20			20
		3	Pathology I	20			20
		4	Medical Surgical Nursing I/ Adult Health Nursing I with integrated pathophysiology including BCLS module	120	40	480	640
		5	Professionalism, Professional Values and Ethics including Bioethics	20			20
		6	Self study/Co curricular	20			20
			TOTAL	220	80	480	800

4	Fourth	1	Pharmacology II	40			40
		2	Pathology II and Genetics	20			20
		3	Adult Health Nursing II including Geriatric Nursing with Health Assessment Module	120	40	480	640
		4	Educational Technology/ Nursing education	40	40		80
		5	Self study/Cocurricular	20			20
			TOTAL	220	80	480	800
5	Fifth	1	Child Health Nursing I including FBNC, Essential Newborn Care(ENBC), IMNCI and PLS/PALS, modules	80	40	160	280
		2	Mental Health Nursing I	80		80	160
		3	Nursing Management and Leadership	60		80	140
		4	Nursing Research and Statistics	40		80(Project)	120
		5	Health/ Nursing Informatics and technology	30	20		50
		6	Introduction to Forensic Nursing and Indian laws	20			20
		7	Self study/Cocurricular	20			20
			TOTAL	310	60	400	790
6	Sixth	1	Child Health Nursing II	20		80	100
		2	Mental Health Nursing II	20		160	180
		3	Community Health Nursing I including Epidemiology and standard treatment protocols	100		160	260
		4	Midwifery /Obstetrics and Gynecology (OBG) Nursing I including SBA module	40	40	160	240
		5	Self study/Cocurricular	20			20
			TOTAL	180	40	560	800

7	Seventh	1	Community Health Nursing II	40		80	120
		2	Midwifery/ Obstetrics and Gynecology (OBG) Nursing II	80	40	560	680
		3	Self study/Cocurricular	20			20
			TOTAL	120	40	640	820
8	Eight (Internship) -22 weeks	1	Community Health Nursing- 4 weeks				
		2	Adult Health Nursing- 6 weeks				
		3	Child Health Nursing- 4 weeks				
		4	Mental Health Nursing- 4 weeks				
		5	Midwifery- 4 weeks				
			TOTAL	22× 88 hrs/week			1056

1 credit theory- 1hour/week/semester

1credit practical/lab- 2hrs/week/semester

1credit clinical – 4hrs/week/semester

Total Semesters=8

Total number of credits-160 (Excludes electives)

Total number of hours- 6606 hours

Theory-1690

Lab-520

Clinical-4176

Self study/cocurricular-220

Electives: 4 {One elective course -1credit (20Hrs)}

Total credits=164 (Includes Electives)

5. SCHEME OF EXAMINATION

The distribution of marks in internal assessment, End semester College exam, and End semester University exam for each course is shown below.

I SEMESTER

S.No	Course	Assessment (Marks)				
		Internal	End semester College exam	End semester University Exam	Hours	Total marks
	Theory					
1	General Science	25	25		1	50
2	Communicative English	25	25		1	50
3	Applied Anatomy & Physiology	25		75	3	100
4	Applied Sociology & Psychology	25		75	3	100
5	Nursing Foundations I	*25				
	Practical					
6	Nursing Foundations I	*25				

*** Will be added to the internal marks of Nursing Foundations I& II Theory and Practical respectively in the next semester (Total weightage remains the same)**

Example:

Nursing Foundations Theory

Nursing Foundations I theory in I semester Internal marks will be added to Nursing Foundations I & II Theory Internal in the second semester and average of the two semester will be taken.

II SEMESTER

S.No	Course	Assessment (Marks)				
		Internal	College exam*	University Exam*	Hours	Total marks
	Theory					
1	Applied Biochemistry and applied Nutrition & Dietetics	25		75	3	100
2	Nursing Foundations (I & II)	25 I Sem-25 & II Sem-25 (with average of both)		75	3	100
3	Introduction to Community Health Nursing (Including Health Care Policy and Regulation and Environmental Science)	25	25		1	50
	Practical					
4	Nursing Foundations (I & II)	50 I Sem-25 & II Sem-25		50		100

* End Semester

III SEMESTER

S.No	Course	Assessment (Marks)				
		Internal	End Semester College exam	End semester University Exam	Hours	Total marks
	Theory					
1	Applied Microbiology and Infection Control including Safety	25		75	3	100
2	Pharmacology I and Pathology I	*25				
2	Adult Health Nursing (Medical Surgical Nursing) I	25		75	3	100
3	Professionalism, Ethics & Professional values	25	25		1	50
	Practical					
4	Adult Health Nursing I	50		50		100

* Will be added to the internal marks of Pharmacology II and Pathology II & Genetics in the next semester (Total weightage remains the same).

IV SEMESTER

S.No	Course	Assessment (Marks)				
		Internal	End Semester College exam	End Semester University Exam	Hours	Total marks
	Theory					
1	Adult Health Nursing II	25		75	3	100
2	Pharmacology & Pathology (I & II) & Genetics	25 III Sem-25 & IV Sem-25 with average of both)		75	3	100
3	Educational Technology/Nursing education	25		75	3	100
	Practical					
4	Adult Health Nursing II	50		50		100

V SEMESTER

S.No	Course	Assessment (Marks)				
		Internal	End Semester College exam	End Semester University Exam	Hours	Total marks
	Theory					
1	Child Health Nursing I	*25				
2	Mental Health Nursing I	*25				
3	Nursing Management and Leadership	25		75	3	100
4	Nursing Research and Statistics	25		75	3	100
5	Health/Nursing Informatics & technology	25	25		1	50
6	Introduction to Forensic Nursing and Indian Laws	25	25		1	50
	Practical					
7	Child Health Nursing I	*25				
8	Mental Health Nursing I	*25				

* Will be added to the internal marks of Child Health Nursing I & II and Mental Health Nursing I & II in both theory and practical respectively in the next semester (Total weightage remains same).

VI SEMESTER

S.No	Course	Assessment (Marks)				
		Internal	End Semester College exam	End Semester University Exam	Hours	Total marks
	Theory					
1	Child Health Nursing (I&II)	25 Sem V-25 &Sem VI- 25 (with average of both)		75	3	100
2	Mental Health Nursing (I&II)	25 Sem V-25 &Sem VI- 25(with average of both)		75	3	100
3	Community Health Nursing I	*25				
4	Midwifery/Obstetrics and Gynecology I	*25				
	Practical					
4	Child Health Nursing (I&II)	50 (Sem V-25 &Sem VI- 25)		50		100
5	Mental Health Nursing (I&II)	50 (Sem V-25 &Sem VI- 25)		50		100
	Practical					
	Community Health Nursing I	*25				
	Midwifery/Obstetrics and Gynecology I	*25				

* Will be added to Community Health Nursing I&II and Midwifery I&II theory and practical respectively in the next semester.

VII SEMESTER

S.No	Course	Assessment (Marks)				
		Internal	End Semester college exam	End Semester University Exam	Hours	Total marks
	Theory					
1	Community Health Nursing (I&II)	25 Sem VI-25 & Sem VII-25 (with avg. of both)		75	3	100
2	Midwifery /Obstetrics and Gynecology (OBG) Nursing (I&II)	25 Sem VI-25 & Sem VII-25(with avg. of both)		75	3	100
	Practical					
3	Community Health Nursing (I&II)	50 (Sem VI-25 & Sem VII-25)		50		100
4	Midwifery/Obstetrics and Gynecology (OBG) Nursing (I&II)	50 (Sem VI-25 & Sem VII-25)		50		100

VIII SEMESTER

S.No	Course	Assessment (Marks)				
		Internal	End Semester College exam	End Semester University Exam	Hours	Total marks
	Practical					
1	Competency assessment	100		100		200

EXAMINATION REGULATIONS

The student has to pass in all mandatory modules and allotted percentage of marks will be included in the internal assessment of college /university exam. Pass mark for the module is C -50% minimum.

Note:

1. Applied Anatomy and Applied Physiology-Question paper will consist of Section A Applied Anatomy of 37 marks and B applied Physiology should be of 38 marks.
2. Applied Nutrition and Dietetics and Biochemistry and- Question paper will consist of Section A Applied Nutrition and Dietetics of 50 marks and Section B of Biochemistry of 25 marks.
3. Pharmacology, genetics, pathology: Section A of Pharmacology with 38 marks, Section B of Pathology of 25 and Genetics with 12 marks.
4. Nursing Research and Statistics-Nursing Research should be of 55 marks and Statistics of 20 marks
5. Following exams shall be conducted as College exam and minimum pass is C grade (5 point) and to be sent to the University for inclusion in the marks sheet and shall not be considered for calculating aggregate.
 - i. Health and Nursing Informatics
 - ii. Introduction of Forensic nursing
 - iii. Communicative English
 - iv. Introduction to Community Health Nursing
6. Minimum pass marks shall be 40% (P grade/4 point) for English only
7. Minimum pass marks shall be 50 % in each of the Theory and practical papers separately.
8. A candidate has to pass in theory and practical exam separately in each of the paper.
9. If a candidate fails in either theory or practical he/ she has to re-appear for both the papers (Theory and practical).
10. Candidate shall appear for exams in each semester:-
 - a) The candidate shall have cleared all the previous examination before appearing for fifth semester examination. However the candidates shall be permitted to attend the consecutive semesters.
 - b) The candidate shall have cleared all the previous examination before appearing seventh semester examination. The candidates shall permitted to attend the consecutive semesters.
 - c) The maximum period to complete the course successfully should not exceed 8 years.
11. Candidate has to pass separately in internal and external examination. No institution shall submit average internal marks of the test students more than 75% is if 40 students are admitted in a course the average score of the 40 students shall not exceed

75% of total internal marks

12. At least 50% of the Non-nursing subjects like Anatomy & Physiology, Biochemistry, Biophysics, Psychology, Microbiology, Pharmacology Genetics, Nutrition, Sociology, English and Computer Science should be taught by the Nursing teachers. Teachers who are involved in teaching non-nursing subjects can be the examiners for the programme.
13. Teaching shall be done by the Nursing faculty and will be supplemented by the guest faculty who are doctors/ PG qualification in the requisite subject.
14. Maximum number of candidates for practical examination should not exceed 25 per day. Particular year and of same institution batch shall be examined by the same set of examiners.
15. All practical examinations must be held in the respective clinical areas.
16. One internal and One external examiners should jointly conduct practical examination for each student
17. An examiner should be a Lecturer/ Assistant Professor or above in a college of Nursing with M.Sc(N) in concerned subject and minimum 3 years of teaching experience. To be an examiner for nursing foundation course faculty having M.Sc.(N) with any specialty shall be considered.

VI. ASSESSMENT GUIDELINES

1. GRADING OF PERFORMANCE

Based on the performance, each student shall be awarded a final grade at the end of the semester for each course. Absolute grading is used by converting the marks to grade, based on predetermined class intervals.

UGC 10point grading system is used with pass grade modified.

Letter grade	Grade point	Percentage of marks
O (outstanding)	10	100%
A+ (Excellent)	9	90-99.99%
A (Very Good)	8	80-89.99%
B+ (Good)	7	70-79.99%
B (Above average)	6	60-69.99%
C (Average)	5	50-59.99%
P (Pass)	4	40-49.99%
F (Fail)	0	

For Nursing Courses and all other courses - Pass is at C Grade (5 grade point) 50 % and above
For English and electives- Pass at P Grade (4 Grade point) 40 % and above

Computation of Semester Grade Point Average (SGPA) and Cumulative Grade Point average (CGPA)

SPGA- Is the weighted average of the grade points obtained in all courses by the student during the semester (All courses excluding English and electives)

Ex. SGPA computation

Course Number	Credit/s	Letter grade	Grade point	Credit point (Credit X grade)
1	3 (C1)	A	8 (G1)	3x8=24
2	4 (C2)	B+	7 (G2)	4x7=28
3	3 (C3)	B	6 (G3)	3x6=18

$$\text{SGPA} = \frac{C1G1+C2G2+C3G3}{C1+C2+C3}$$

$$= \frac{70}{10} = 7 \text{ (rounded off to two decimal points)}$$

Computation of CGPA

CGPA is calculated with SGPA of all semesters to two decimal points and is indicated in final grade in mark card/transcript showing grades of all 8 semesters and their courses/subjects.

CGPA reflects the failed status in case of fail till the course/s are passed

Semester I	Semester 2	Semester 3	Semester 4
Credit-Cr Cr: 20	Cr: 22	Cr: 25	Cr: 26
SGPA: 6.5	SGPA: 7.0	SGPA: 5.5	SGPA: 6.0
Cr \times SGPA=20 \times 6.5			

$$\begin{aligned}\text{CGPA} &= \frac{20 \times 6.5 + 22 \times 7 + 25 \times 5.5 + 26 \times 6}{93} \\ &= \frac{577.5}{93} = 6.2\end{aligned}$$

Transcript Format:

Based on the above recommendation on letter grades, grade points, SPGA and CGPA, the transcript shall be issued for each semester with a consolidated transcript indicating the performance in all semesters.

Declaration of Pass

First Class with Distinction- CGPA of 7.5 and above

First Class- CGPA of 6.00-7.49

Second Class-CGPA of 5.00-5.99

2. INTERNAL ASSESSMENT AND GUIDELINES

The marks distribution of internal assessment is shown in Appendix 2 and the specific guidelines in Appendix 3

3. UNIVERSITY THEORY AND PRACTICAL EXAMINATION PATTERN

The theory question paper pattern and practical exam pattern are shown in Appendix 4