



# SARDAR PATEL UNIVERSITY

## Syllabus Structure Basic B.Sc. Nursing Semester: IV

With Effect from Academic year – 2021-22



Program Outcome (PO) - For Basic B.Sc. Nursing Program	Bachelor of Science Nursing degree program provides theoretical and practical knowledge of different basic B.Sc. Nursing subjects. On completion of B.Sc. Nursing degree programme the graduates will be able to: To impart quality nursing education and prepare competent, caring and compassionate nursing professionals who will adhere to the code of ethics and professional conduct while fulfilling their personal, social and professional obligations in the course of their practice.
Program Specific Outcome (PSO) - For Basic B.Sc. Nursing Semester -IV	<ol style="list-style-type: none"><li>1. To acquire understanding of pharmacodynamics, Pharmacokinetics, principles of therapeutics and nursing implications.</li><li>2. To acquire knowledge of pathology of various disease conditions understanding of genetics, its role in causation and management of defects and disease and to apply this knowledge in practice of nursing</li><li>3. To apply their knowledge of Anatomy, Physiology, Biochemistry and behavioral sciences in caring for adult patient with medical/ surgical disorders using nursing process approach and critical thinking.</li><li>4. To develop competencies required for assessment, diagnosis, treatment, nursing management and supportive/ palliative care to patients with various medical surgical disorders.</li><li>5. To apply nursing process and critical thinking in delivering holistic nursing care including rehabilitation to the adult patients for selected medical surgical conditions.</li><li>6. To demonstrate the awareness of legal and ethical issues in nursing practice.</li><li>7. To understand the professionalism and demonstrate professional behavior in their workplace with ethics and professional values.</li><li>8. To identify ethical issues in nursing practice and participate effectively in ethical decision making along with health team members</li></ol>
<b>To Pass:</b>	<ol style="list-style-type: none"><li>1. A candidate must have minimum of 80% attendance (irrespective of the kind of absence) in theory and practical in each course/subject for appearing for examination.</li><li>2. Minimum pass marks shall be 50% in each of the Theory and practical papers Internal and External examination</li></ol>

separately except in English.

3. The student has to pass in all mandatory modules placed within courses and the pass mark for each module is 50% (C Grade).
4. Candidate must complete 1 elective module either in III or IV semester, marks are not included for calculating SGPA
5. **\*Professionalism, Professional, values and ethics including bioethics (UM04CPPE04)** College Exam, marks are not added for calculating SGPA, Pass mark-40%
6. Minimum pass mark shall be 40% for each of the Elective module. All Electives modules must be completed as indicated in specified semester and pass marks sent to university before appearing for final examination
7. If a candidate fails in either theory or practical, he/she has to re-appear for both the papers (Theory and Practical.
8. Assessment guidelines based on grading of 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 interval.
9. UGC 10 point grading system is used with pass grade modified.
10. A Candidate must have 100% attendance in each of the practical areas before award of degree.
11. **If the student has failed in only one subject and has passed in all the other subjects of a particular semester and Grace marks of up to 5 marks to theory marks can be added for one course/subject only, provided that by such an addition the student passes the semester examination.**



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**Program: B.Sc. Nursing: Semester: IV**

**Syllabus with effect from: 2021-22**

**Semester-IV B.Sc. Nursing Examination (Green sheet)**

Course Type	Subject Name	Course Code	Name Of Course	Theory/ Practical	Credit	Contact Hours Per Week	Exam Duration in hrs	Component of Marks			
								Internal	End semester college exam	External	Total
								Total	Total	Total	Total
Core Subject	Pharmacology (I & II) & Pathology (I & II) & Genetics	UM04CPHG01	Pharmacology & Pathology (I & II) and Genetics	Theory	6	120	3	12/25	-	38/75	50/100
	Adult Health Nursing - II with integrated pathophysiology including geriatric nursing	UM04CAHN02	Adult Health Nursing - II	Theory	7	140	3	12/25	-	38/75	50/100
	Adult Health Nursing - II (Practical)	UM04CAHM03	Adult Health Nursing - II (Practical)	PRACTICAL	7 (SL - 1 P - 6)	40+480	-	25/50	-	25/50	50/100
	Professionalism, Professional, values and ethics including bioethics <b>College Exam*</b>	UM04CPPE04	Professionalism, Professional, values and ethics including bioethics <b>*End Semester College Exam (25+25=50)</b>	Theory	1	20	2	12/25	12/25	-	25/50
					21						



# EXAMINATION REGULATIONS

**Note:**

1. Applied Anatomy and Applied Physiology: Question paper will consist of Section-A Applied Anatomy of 37 marks and Section-B Applied Physiology of 38 marks.
2. Applied Sociology and Applied Psychology: Question paper will consist of Section-A Applied Sociology of 37 marks and Section-B Applied Psychology of 38 marks.
3. Applied Microbiology and Infection Control including Safety: Question paper will consist of Section-A Applied Microbiology of 37 marks and Section-B Infection Control including Safety of 38 marks.
4. Applied Nutrition and Dietetics and Applied Biochemistry: Question paper will consist of Section-A Applied Nutrition and Dietetics of 50 marks and Section-B Biochemistry of 25 marks.
5. Pharmacology, Genetics and Pathology: Question paper will consist of Section-A of Pharmacology with 38 marks, Section-B of Pathology with 25 marks and Genetics with 12 marks.
6. Nursing Research and Statistics: Nursing Research should be of 55 marks and Statistics of 20 marks.
7. A candidate must have minimum of 80% attendance (irrespective of the kind of absence) in theory and practical in each course/subject for appearing for examination.
8. A candidate must have 100% attendance in each of the practical areas before award of degree.
9. Following exams shall be conducted as College exam and minimum pass is 50% (C Grade) and to be sent to the University for inclusion in the marks sheet and shall be considered for calculating aggregate.
  - i. Communicative English
  - ii. Health/Nursing Informatics and Technology
  - iii. Professionalism, Professional Values and Ethics including Bioethics
  - iv. Introduction to Forensic Nursing & Indian Laws
10. Minimum pass marks shall be 40% (P grade/4 point) for English only and elective modules.
11. Minimum pass marks shall be 50% in each of the Theory and practical papers separately except in English.
12. The student has to pass in all **mandatory modules** placed within courses and the pass mark for each module is 50% (C Grade). The allotted percentage of marks will be included in the internal assessment of College/University Examination (Refer Appendix 2).
13. A candidate has to pass in theory and practical exam separately in each of the paper.
14. If a candidate fails in either theory or practical, he/she has to re-appear for both the papers (Theory and Practical).

**15. If the student has failed in only one subject and has passed in all the other subjects of a particular semester and Grace marks of up to 5 marks to theory marks can be added for one course/subject only, provided that by such an addition the student passes the semester examination.**

16. The candidate shall appear for exams in each semester:

i. The candidate shall have cleared all the previous examinations before appearing for fifth semester examination.

However, the candidates shall be permitted to attend the consecutive semesters.

ii. The candidate shall have cleared all the previous examinations before appearing for seventh semester examination. However, the candidates shall be permitted to attend the consecutive semesters.

iii. The candidate shall have cleared all the previous examination before appearing for final year examination.

iv. The maximum period to complete the course successfully should not exceed 8 years.

17. The candidate has to pass separately in internal and external examination (shall be reflected in the marks sheet). No institution shall submit average internal marks of the students not more than 75% (i.e. if 40 students are admitted in a course the average score of the 40 students shall not exceed 75% of total internal marks).

18. At least 50% of the Non-nursing subjects like Applied Anatomy & Physiology, Applied Biochemistry, Applied Psychology & Sociology, Applied Microbiology, Pharmacology, Genetics, Nutrition & Dietetics, Communicative English and Health/Nursing Informatics & Technology should be taught by the Nursing teachers. Teachers who are involved in teaching non-nursing subjects can be the examiners for the program.

19. Maximum number of candidates for practical examination should not exceed 20 per day. Particular year and of same institution batch shall be examined by the same set of examiners.

20. All practical examinations must be held in the respective clinical areas.

21. One internal and one external examiner should jointly conduct practical examination for each student.

22. An examiner for theory and practical/OSCE examination should be an Assistant Professor or above in a College of Nursing with M.Sc. (Nursing) in concerned subject and minimum 3 years of teaching experience. To be an examiner for Nursing Foundations course, the faculty having M.Sc. (Nursing) with any specialty shall be considered.

23. Examiner for Competency Assessment - VIII Semester: There must be a total of five examiners, one from each specialty i.e. External examiners - 2 and internal examiners - 3. The internal examiners may be from the college faculty or from hospital with the required qualification and experience i.e. (M.Sc. Nursing) in respective specialty with minimum three years of teaching experience.

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

<b>Letter Grade</b>	<b>Grade Point</b>	<b>Percentage of Marks</b>
<b>O (Outstanding)</b>	<b>10</b>	<b>85% &amp; Above</b>
<b>A+ (Excellent)</b>	<b>9</b>	<b>80-84.99%</b>
<b>A (Very Good)</b>	<b>8</b>	<b>75-79.99%</b>
<b>B+ (Good)</b>	<b>7</b>	<b>65-74.99%</b>
<b>B (Above Average)</b>	<b>6</b>	<b>60-64.99%</b>
<b>C (Average)</b>	<b>5</b>	<b>50-59.99%</b>
<b>P (Pass)</b>	<b>-</b>	<b>50% and above</b>
<b>F (Fail)</b>	<b>0</b>	<b>&lt;50%</b>
<b>Ab (Absent)</b>	<b>0</b>	<b>0</b>
<b>*Pass for Communicative English and Electives – 40% and above. Grade point 4 (40-49.99%)</b>		

- For Nursing Courses and all other courses – Pass is at C Grade (5 grade point) 50% and above
- For English and electives – Pass is 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 × grade)
1	3 (C1)	A	8 (G1)	3 × 8 = 24
2	4 (C2)	B+	7 (G2)	4 × 7 = 28
3	3 (C3)	B	6 (G3)	3 × 6 = 18

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

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

**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 is 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 × SGPA = 20 × 6.5			

$$CGPA = \frac{20 \times 6.5 + 22 \times 7 + 25 \times 5.5 + 26 \times 6}{93}$$

$$= \frac{577.5}{93} = 6.2$$



**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

*Source: (Page No. 238 to 244) REVISED REGULATIONS AND CURRICULUM FOR B.SC. (NURSING) PROGRAM), REGULATIONS, 2020 dated 05.07.2021.*

*Indian Nursing Council, New Delhi*

Link

<https://indiannursingcouncil.org/uploads/pdf/162581803399632881260e803b133fde.pdf>