Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Applied Anatomy & Applied Physiology
Course Code	ANAT 105 & PHYS 110
Course Outcomes & Bloom's Level	**CO1-** describe the anatomical terms, organization of the human body, and structure of cells,tissues,membranes, andglands.**(BL1-Remember)** **CO2-** understand the ability to interpret and restate anatomy and physiology concepts about the nursing environment.**(BL2-Understand)** **CO3-** apply,examine,and determine the structure of the organs and body system.**(BL3-Apply)** **CO4-** analyze and calculate the heart rate, pulse rhythm, and other body system and organs anatomical concepts, etc.**(BL4-Analyze)** **CO5-** evaluate, and detect how the organ structure and can argue or debate on that and different concepts of the anatomy and physiology.**(BL5-Evaluate)**

Course Elements	Skill Development ✗ Entrepreneurship ✗ Employability ✗ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	**SDG (Goals)**	SDG4(Quality education) SDG5(Gender equality) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	2	1	1	1	1	1	1	2	2	2	2	1	1	3
CO2	2	2	1	2	1	2	3	2	1	3	3	2	1	1	2
CO3	1	2	2	1	2	3	1	1	1	1	3	2	2	2	1
CO4	2	1	1	1	2	2	2	1	1	1	1	1	2	2	2
CO5	2	2	2	2	1	1	3	1	1	2	2	2	1	1	3
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SONS-BSc_Nursing

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	*Communicative English
Course Code	ENGL 101
Course Outcomes & Bloom's Level	**CO1-** define and remember communication and describe the concepts,principles,and effective communication.**(BL1-Remember)** **CO2-** understand the(LSRGW) concepts of language,speaking,reading,grammar, writing, and their application in professional development.**(BL2-Understand)** **CO3-** apply active listing, and effective communication, and use it in conversation. **(BL3-Apply)**

Course Elements	Skill Development ✔ Entrepreneurship ✘ Employability ✘ Professional Ethics ✘ Gender ✘ Human Values ✘ Environment ✘	SDG (Goals)	SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	1	1	1	1	1	2	2	2	1	1	1	2	1	3
CO2	1	2	3	2	2	2	1	1	3	1	1	1	1	1	2
CO3	1	2	2	1	2	3	1	1	2	2	3	2	2	2	1
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SONS-BSc_Nursing

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	*Nursing Foundation-I		
Course Code	N-NF (I) 125 [T]		
Course Outcomes & Bloom's Level	**CO1-** remember the concept of health, illness and scope of nursing within health care services. **(BL1-Remember)** **CO2-** understandthe the educational needs of patients and demonstrate basic skills of patient education.**(BL2-Understand)** **CO3-** apply the principles and methods of effective communication in establishing communication links with patients, families and other health team members.**(BL3-Apply)** **CO4-** provide first aid measures during emergencies.**(BL4-Analyze)** **CO5-** evaluate the applications of evidence-based practice such as admission, transfer, and discharge of a patient under supervision applying the knowledge.**(BL5-Evaluate)**		
Course Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✗ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	**SDG (Goals)**	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	2	1	3	1	1	2	1	2	2	2	2	2	1	1
CO2	2	2	1	2	1	2	1	2	3	1	3	3	2	1	1
CO3	1	2	3	2	2	1	2	1	1	2	1	3	1	1	1
CO4	2	1	3	1	3	2	1	3	2	3	2	2	1	1	1
CO5	2	1	3	2	1	3	1	1	1	1	1	1	2	1	1
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SONS-BSc_Nursing

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Applied Sociology & Applied Psychology
Course Code	SOCI 115 & PSYC 120
Course Outcomes & Bloom's Level	**CO1-** able to identify the importance of psychology in individual and professional life & role of nurse in promoting mental health and dealing with altered personality.**(BL1-Remember)** **CO2-** understand of the biological and psychological basis of human behavior.**(BL2-Understand)** **CO3-** demonstrate the physical psychology of different age groups.**(BL3-Apply)** **CO4-** analyze & integrate the principles of motivation and emotion**(BL4-Analyze)** **CO5-** Evaluate the basic understanding of psychological assessment and nurse's role**(BL5-Evaluate)**

Course Elements	Skill Development ✗ Entrepreneurship ✗ Employability ✗ Professional Ethics ✗ Gender ✓ Human Values ✓ Environment ✓	**SDG (Goals)**	SDG3(Good health and well-being) SDG4(Quality education) SDG5(Gender equality) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	1	1	1	1	1	2	1	1	1	1	1	2	1	3
CO2	2	2	3	2	2	2	1	2	2	2	1	1	1	1	2
CO3	1	2	1	1	2	1	2	1	1	2	1	3	2	2	1
CO4	1	1	3	1	3	3	1	2	2	3	2	2	2	2	2
CO5	1	1	2	1	2	1	3	1	4	1	2	1	1	1	3
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SONS-BSc_Nursing

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	*Nursing Foundation-I		
Course Code	N-NF (I) 125 [P]		
Course Outcomes & Bloom's Level	**CO1-** remember the concept of health, illness and scope of nursing within health care services.**(BL1-Remember)** **CO2-** understandthe the educational needs of patients and demonstrate basic skills of patient education.**(BL2-Understand)** **CO3-** apply the principles and methods of effective communication in establishing communication links with patients, families and other health team members.**(BL3-Apply)** **CO4-** provide first aid measures during emergencies.**(BL4-Analyze)** **CO5-** evaluate the applications of evidence-based practice such as admission, transfer, and discharge of a patient under supervision applying the knowledge.**(BL5-Evaluate)**		
Course Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	**SDG (Goals)**	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	2	1	3	1	1	2	1	2	2	2	2	2	1	1
CO2	2	2	1	2	1	2	1	2	3	1	3	3	2	1	1
CO3	1	2	3	2	2	1	2	1	1	2	1	3	1	1	1
CO4	2	1	3	2	3	2	1	3	2	3	2	2	2	1	1
CO5	2	1	3	1	1	2	1	1	1	1	1	1	2	1	1
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SONS-BSc_Nursing

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Applied Biochemistry and Applied Nutrition & Dietetics
Course Code	BIOC135
Course Outcomes & Bloom's Level	**CO1-** remember the concepts, definition factors and various classifications of nutrition and health**(BL1-Remember)** **CO2-** understand the principles, types of Nutrients, methods of preparing food and therapeutic diets for the patient in the hospital settings.**(BL2-Understand)** **CO3-** provide safe food and safety measures and health education on diet and analyze the patient's prognosis by diet.**(BL3-Apply)** **CO4-** evaluate the applications of therapeutic diets such as diabetes diet, Health educations on balance diet by nursing process and supply food according to needs of the patient in the hospital settings.**(BL5-Evaluate)**

Course Elements	Skill Development ✘ Entrepreneurship ✘ Employability ✔ Professional Ethics ✘ Gender ✘ Human Values ✘ Environment ✘	**SDG (Goals)**	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	1	1	1	1	1	1	2	1	2	2	2	1	1	1
CO2	1	1	1	1	1	2	1	2	1	2	3	3	2	1	1
CO3	1	2	2	1	1	3	1	3	1	3	3	2	1	1	1
CO4	1	1	1	1	1	2	1	2	1	2	2	2	1	1	1
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SONS-BSc_Nursing

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Health / Nursing Informatics & Technology
Course Code	HNIT 145
Course Outcomes & Bloom's Level	**CO1-** Develop a basic understanding of computer application in patient care and nursing practice.**(BL1-Remember)** **CO2-** Describe the principles of health informatics and its use in developing efficient healthcare.**(BL2-Understand)** **CO3-** Demonstrate the use of information system in healthcare for patient care and utilization of nursing data.**(BL3-Apply)** **CO4-** Analyse the knowledge of information and communication technology in public health promotion.**(BL4-Analyze)**

Course Elements	Skill Development ✗ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	2	2	1	2	2	1	1	1	1	2	2	2	1	1
CO2	2	2	1	2	1	2	2	2	1	1	2	2	1	2	1
CO3	1	1	2	2	2	1	2	2	2	1	1	1	1	1	1
CO4	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Nursing Foundation I & II Incl Health Assessment module
Course Code	N-NF (I) 125 [T]
Course Outcomes & Bloom's Level	**CO1-** remember the concepts,definition factors and various theories of Health and illness.**(BL1-Remember)** **CO2-** understand the principles, types of communications, techniques of maintain records and Nurse patients'relationship in the hospital settings**(BL2-Understand)** **CO3-** apply the importance of various nursing procedures, comfort measures and maintenance of equipment's and its applications in the patients in the hospital settings.**(BL3-Apply)** **CO4-** provide evidence-based practice, safety measures and health education to analyze the patient's progress and comfort in the hospital**(BL4-Analyze)** **CO5-** evaluate the applications of evidence-based practice such as basic nursing care,Health educations, nursing process and needs of the patient in the hospitals ettings**(BL5-Evaluate)**
Course Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✗ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	**SDG (Goals)**	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	2	1	3	1	1	2	1	2	2	2	2	2	1	1
CO2	2	2	1	2	1	2	1	2	3	1	3	3	2	1	1
CO3	1	2	3	2	2	1	2	1	1	2	1	3	1	1	1
CO4	2	1	3	2	3	2	1	3	2	3	2	2	2	1	1
CO5	2	1	3	1	1	3	1	1	1	1	1	1	2	1	1
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Nursing Foundations I & II Incl Health Assessment module
Course Code	N-NF (II) 125 [P]
Course Outcomes & Bloom's Level	**CO1-** remember the concepts,definition factors and various theories**(BL1-Remember)** **CO2-** understand the principles, types of communications, techniques of maintain records and Nurse patients'relationship in the hospital settings,**(BL2-Understand)** **CO3-** apply the importance of various nursing procedures, comfort measures and maintenance of equipment's and its applications in the patients in the hospital settings. **(BL3-Apply)** **CO4-** provide evidence-based practice, safety measures and health education to analyze the patient's progress and comfort in the hospital.**(BL4-Analyze)** **CO5-** evaluate the applications of evidence-based practice such as basic nursing care,Health educations, nursing process and needs of the patient in the hospitals settings.**(BL6-Create)**
Course Elements	Skill Development ✔ Entrepreneurship ✘ Employability ✘ Professional Ethics ✘ Gender ✘ Human Values ✘ Environment ✘	**SDG (Goals)**	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	2	1	3	1	1	2	1	2	2	2	2	2	1	1
CO2	2	2	1	2	1	2	1	2	3	1	3	3	2	1	1
CO3	1	2	3	2	2	1	2	1	1	2	1	3	1	1	1
CO4	2	1	3	1	3	2	1	3	2	3	2	2	2	1	1
CO5	2	1	3	2	1	3	1	1	1	1	1	1	2	1	1
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SONS-BSc_Nursing

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Applied Microbiology and infection control including safety
Course Code	MICR 201
Course Outcomes & Bloom's Level	**CO1-** remember the definitions of terminologies, historical perspectives; recognizing structure and classification of microbes, Morphological types.**(BL1-Remember)** **CO2-** comprehend concepts, characteristics of microbes,Sources, portals of entry and exit, transmission of infections, laboratory methods fo identification of microorganisms, Culture, Immunoprophylaxis.**(BL2-Understand)** **CO3-** apply various as eptic techniques, disinfection methods, sterilization methods.**(BL3-Apply)** **CO4-** infer and illustrate importance and relevance of microbiology to nursing.**(BL4-Analyze)** **CO5-** evaluate, relate and infer Standard safety measures and Role of Nurse.**(BL5-Evaluate)**
Course Elements	Skill Development ✗ Entrepreneurship ✗ Employability ✗ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	**SDG (Goals)**	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1
CO2	2	2	3	2	2	2	1	2	2	2	3	3	2	2	3
CO3	2	2	2	3	2	1	2	1	1	2	1	3	2	2	1
CO4	3	2	2	2	3	2	1	3	2	3	2	2	2	2	3
CO5	1	1	1	1	1	1	1	2	1	2	2	2	2	1	1
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Adult Health Nursing-I with Integr. Pathophysiol. incl BCLS module
Course Code	N - AHN (I) 215 [T]
Course Outcomes & Bloom's Level	**CO1-** able to Integrate knowledge from nursing and other scientific and humanistic disciplines as it relates to medical/surgical nursing.**(BL1-Remember)** **CO2-** understand the interdisciplinary health care team and assume accountability for providing safe and effective care to the adult population.**(BL2-Understand)** **CO3-** able to demonstrate accountability (professionalism) through identification of self-learning needs and continued professional development.**(BL3-Apply)** **CO4-** analyze & integrate technology and information systems to provide and improve safe, effective care to adult populations with any disease condition.**(BL4-Analyze)** **CO5-** evaluate verbal, non-verbal communication strategies used to communicate with patients and their families.**(BL5-Evaluate)**
Course Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✗ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗

Course Elements	SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	1	1	1	1	1	2	2	2	2	2	1	2	2	3
CO2	2	2	3	2	2	2	1	1	3	1	3	3	2	2	1
CO3	2	2	1	3	2	1	2	1	2	1	1	3	2	1	2
CO4	3	2	2	2	2	3	1	3	2	3	2	2	2	2	3
CO5	1	1	2	1	1	2	1	1	1	2	2	1	2	2	1
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	*Pharmacology I and Pathology I
Course Code	PHAR (I) 205 & PATH (I) 210
Course Outcomes & Bloom's Level	**CO1-** able to identify pharmacodynamics, pharmacokinetics, classification and the principles of drug administration.**(BL1-Remember)** **CO2-** understand chemotherapy of specify infections and infestations and nurse's responsibilities**(BL2-Understand)** **CO3-** demonstrate the common drugs used in treating pathological and genetical diseases.**(BL3-Apply)** **CO4-** analyze & integrate drugs used inde-addiction emergency, deficiency of vitamins & minerals, poisoning, for immunization and immunosuppression.**(BL4-Analyze)** **CO5-** assess, and demonstrate awareness of the common drugs used in alternative system of medicine.**(BL5-Evaluate)**

Course Elements	Skill Development ✗ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	1	1	1	1	1	1	2	1	2	2	2	1	2	2
CO2	1	1	2	1	1	2	2	2	2	2	3	3	2	3	1
CO3	2	1	2	3	2	3	1	3	1	3	3	2	1	2	1
CO4	1	2	1	1	1	2	1	2	1	2	2	3	2	2	3
CO5	2	1	1	1	1	1	2	1	2	1	1	1	2	2	1
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SONS-BSc_Nursing

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Adult Health Nursing-I with Integr. Pathophysiology incl BCLS module
Course Code	N - AHN (I) 215 [P]
Course Outcomes & Bloom's Level	**CO1-** able to Integrate knowledge from nursing and otherscientific and Humanistic disciplines as it relates to medical/surgical nursing.**(BL1-Remember)** **CO2-** understand the participate with the interdisciplinary healthcare team and assume accountability for providing safe and effective care to the adult population.**(BL2-Understand)** **CO3-** able to demonstrate accountability (professionalism) through identification of self-learning needs and continued professional development.**(BL3-Apply)** **CO4-** analyze & integratetechnology and information systems to provide safe, effective care to adult populations with any disease condition.**(BL4-Analyze)** **CO5-** evaluate verbal,non-verbal communication strategies used to communicate with patients and their families.**(BL5-Evaluate)**
Course Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗

	SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	1	1	1	-	3	2	2	1	2	2	2	2	1	1
CO2	2	1	2	2	2	2	2	2	2	2	3	3	1	2	1
CO3	2	1	2	1	2	2	3	1	2	3	3	2	1	1	1
CO4	1	1	1	2	1	1	1	1	1	1	1	2	1	1	2
CO5	2	1	2	1	1	1	1	1	1	1	1	1	2	1	2
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Human Values
Course Code	BNSG 304
Course Outcomes & Bloom's Level	**CO1-** Understand the concept and importance of human values.**(BL2-Understand)** **CO2-** Apply human values in education and clinical practice.**(BL3-Apply)** **CO3-** Analyze the impact of human values in family, society and profession**(BL4-Analyze)**

Course Elements	Skill Development ✘ Entrepreneurship ✘ Employability ✔ Professional Ethics ✘ Gender ✘ Human Values ✘ Environment ✘	**SDG (Goals)**	SDG4(Quality education) SDG8(Decent work and economic growth) SDG10(Reduced inequalities)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	1	-	-	2	-	-	2	-	-	-	1	-	1	-
CO2	1	2	2	-	1	-	1	-	1	-	-	-	-	-	1
CO3	1	2	1	2	-	2	-	-	-	2	-	-	-	1	-
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Diabetes care
Course Code	BNSG 305
Course Outcomes & Bloom's Level	**CO1-** Identify & review the pathophysiology and clinical diagnostic criteria for diabetes. **(BL1-Remember)** **CO2-** Apply the principles and demonstrate self-management skills to achieve diabetes control**(BL3-Apply)** **CO3-** Analyze the diabetes treatment options such as medication, diet, exercise and life style modifications.**(BL4-Analyze)**

Course Elements	Skill Development ✗ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	**SDG (Goals)**	SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	-	1	-	-	-	-	-	-	-	1	-	-	-	-
CO2	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
CO3	-	1	-	-	-	-	-	1	-	-	-	-	-	1	-
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SONS-BSc_Nursing

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Soft Skills
Course Code	BNSG 305
Course Outcomes & Bloom's Level	**CO1-** Identify & perform personal, professional & Social Etiquette**(BL2-Understand)** **CO2-** Be empowered in Public Speaking**(BL3-Apply)** **CO3-** Demonstrate Teamwork in workplace**(BL4-Analyze)**

Course Elements	Skill Development ✗ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	**SDG (Goals)**	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	-	-	1	-	-	-	-	1	-	-	-	-	-	-
CO2	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-
CO3	-	-	-	-	-	1	-	-	-	1	-	-	-	-	1
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Adult Health Nursing-II w/ Integr.Paphl.inc.Gertr.C
Course Code	N - AHN (II) 215 [T]
Course Outcomes & Bloom's Level	**CO1-** able to Integrate knowledge from nursing and otherscientific and Humanistic disciplines as it relates to medical/surgical nursing.**(BL1-Remember)** **CO2-** understand the participate with the interdisciplinary healthcare team and assume accountability for providing safe and effective care to the adult population.**(BL2-Understand)** **CO3-** able to demonstrate accountability (professionalism) through identification of self-learning needs and continued professional development.**(BL3-Apply)** **CO4-** analyze & integratetechnology and information systems to provide safe, effective care to adult populations with any disease condition.**(BL4-Analyze)** **CO5-** evaluate verbal,non-verbal communication strategies used to communicate with patients and their families.**(BL5-Evaluate)**

Course Elements	Skill Development ✔ Entrepreneurship ✘ Employability ✘ Professional Ethics ✘ Gender ✘ Human Values ✘ Environment ✘	**SDG (Goals)**	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	1	1	1	-	3	2	2	1	2	2	2	2	1	1
CO2	2	1	1	2	2	2	2	2	2	2	3	3	2	1	2
CO3	2	1	2	1	2	2	3	1	2	3	3	2	1	1	1
CO4	1	1	1	2	1	1	1	1	1	1	1	1	2	1	1
CO5	2	1	2	1	1	1	1	1	1	1	1	1	2	1	2
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Pharmacology (I&II) & Pathology (I&II) (including Genetics)
Course Code	PHAR (II) 205 & PATH (II) 210
Course Outcomes & Bloom's Level	**CO1-** able to identify pharmacodynamics, pharmaco kinetics, classification and the principles of drug administration.**(BL1-Remember)** **CO2-** understand chemotherapy of specify infections and infestations and nurse's responsibilities**(BL2-Understand)** **CO3-** demonstrate the common drugs used in treating pathological and genetical diseases.**(BL3-Apply)** **CO4-** analyze & integrate drugs used in de-addiction emergency, deficiency of vitamins & minerals, poisoning, for immunization and immunosuppression.**(BL4-Analyze)** **CO5-** assess, and demonstrate awareness of the common drugs used in alternative system of medicine.**(BL5-Evaluate)**
Course Elements	Skill Development ✗ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	**SDG (Goals)**	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	1	1	3	1	1	1	2	1	2	2	2	1	1	2
CO2	1	1	2	1	2	2	1	2	1	2	3	3	1	2	1
CO3	2	2	2	2	2	2	1	3	1	3	3	3	1	2	1
CO4	3	1	1	3	1	1	1	2	1	2	2	2	2	2	3
CO5	2	1	2	2	2	2	1	2	1	2	2	2	2	2	1
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SONS-BSc_Nursing

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Professional Ethics and Professional Values
Course Code	PROF 230
Course Outcomes & Bloom's Level	**CO1-** describe profession and professionalism and identify the challenges of professionalism.**(BL1-Remember)** **CO2-** explain the professional values and demonstrate appropriate professional values in nursing practice.**(BL2-Understand)** **CO3-** demonstrate respect, human dignity and privacy and confidentiality to self, patients and their caregivers and otherhealth team members.**(BL3-Apply)** **CO4-** analyse the knowledge of ethics and bioethics in ethical decision making along with health team members.**(BL4-Analyze)**

Course Elements	Skill Development ✘ Entrepreneurship ✘ Employability ✓ Professional Ethics ✘ Gender ✘ Human Values ✘ Environment ✘	SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	1	1	1	1	1	2	2	2	2	2	1	2	2	3
CO2	2	2	3	2	2	2	1	1	3	1	3	3	2	2	1
CO3	2	2	1	3	2	1	2	1	1	2	1	3	1	1	1
CO4	3	2	2	2	3	2	1	3	2	2	2	2	2	2	3
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Adult Health Nursing-II w/ Integr.Paphl.inc.Gertr.Care & Pallt.Care
Course Code	N - AHN (II) 215 [P]
Course Outcomes & Bloom's Level	CO1- able to Integrate knowledge from nursing and otherscientific and Humanistic disciplines as it relates to medical/surgical nursing.(BL1-Remember) CO2- understand the participate with the interdisciplinary healthcare team and assume accountability for providing safe and effective care to the adult population.(BL2-Understand) CO3- able to demonstrate accountability (professionalism) through identification of self-learning needs and continued professional development.(BL3-Apply) CO4- analyze & integratetechnology and information systems to provide safe, effective care to adult populations with any disease condition.(BL4-Analyze) CO5- evaluate verbal,non-verbal communication strategies used to communicate with patients and their families.(BL5-Evaluate)
Course Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✗ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	1	1	1	-	3	2	2	1	2	2	2	2	1	1
CO2	2	1	1	2	2	2	2	2	2	2	3	3	2	1	2
CO3	2	1	2	1	2	2	3	1	2	3	3	2	1	1	1
CO4	1	1	1	2	1	1	1	1	1	1	1	1	2	1	1
CO5	2	1	2	1	1	1	1	1	1	1	1	1	2	1	2
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SONS-BSc_Nursing

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Educational Technology / Nursing Education
Course Code	EDUC 315
Course Outcomes & Bloom's Level	**CO1-** know, recognize, recall, state the concepts, principles, philosophies and trends in teaching learning process.**(BL1-Remember)** **CO2-** comprehend, distinguish and explain various instructional media and methods in teaching learning process along with the tools and techniques for assessment of knowledge, skill, and attitude.**(BL2-Understand)** **CO3-** apply, demonstrate the principles and steps of guidance and counseling.**(BL3-Apply)** **CO4-** analyze, identify the importance of communication process, interpersonal relationship and human relations.**(BL4-Analyze)** **CO5-** describe, explain the effective use of Information, Education and Communication (IEC) for health.**(BL5-Evaluate)** **CO6-** explain, generate, reconstruct new methods and instructional Medias for the teaching learning process.**(BL6-Create)**
Course Elements	Skill Development ✘ Entrepreneurship ✘ Employability ✔ Professional Ethics ✘ Gender ✘ Human Values ✘ Environment ✘	**SDG (Goals)**	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	1	1	2	2	2	1	2	1	1	2	1	2	1	2
CO2	2	1	1	1	1	2	1	2	1	1	1	1	1	1	1
CO3	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
CO4	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
CO5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CO6	2	2	1	2	1	1	1	1	1	1	2	1	2	1	1

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Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	*Child Health Nursing I		
Course Code	N - CHN (I) 301		
Course Outcomes & Bloom's Level	**CO1-** recall internationally accepted rights of the child, National policy and National programmes related to child health and welfare.**(BL1-Remember)** **CO2-** observe and interpret changing trends in hospital care.**(BL2-Understand)** **CO3-** apply principles of growth and developmental milestones from birth to adolescence.**(BL3-Apply)** **CO4-** identify and illustrate different defects and systematic diseases of child health. **(BL4-Analyze)** **CO5-** able to prepare a design for layout and describe standards for management of pediatric units/hospitals.**(BL5-Evaluate)**		
Course Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	**SDG (Goals)**	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	2	1	3	2	3	2	1	3	2	1	2	3	1	1
CO2	2	3	2	2	3	2	3	3	3	1	3	2	2	3	2
CO3	2	2	3	2	2	3	2	3	2	3	3	3	3	3	3
CO4	1	3	3	3	2	2	2	1	3	2	2	3	2	3	2
CO5	1	1	2	2	1	3	3	1	3	2	3	1	3	1	1
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Introduction to Forensic Nursing & Indian Laws
Course Code	N - FORN 320
Course Outcomes & Bloom's Level	**CO1-** Remember forensic nursing as an emerging specialty in healthcare and nursing practice**(BL1-Remember)** **CO2-** Understand the history and scope of forensic nursing practice**(BL2-Understand)** **CO3-** Apply for Identification forensic team, role and responsibilities of forensic nurse in total care of victim of violence and in preservation of evidence**(BL3-Apply)** **CO4-** Analyze basic understanding of the Indian judicial system and legal procedures**(BL4-Analyze)**
Course Elements	Skill Development ✘ Entrepreneurship ✘ Employability ✔ Professional Ethics ✘ Gender ✘ Human Values ✘ Environment ✘	**SDG (Goals)**	SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	-	-	2	-	3	2	-	2	-	-	2	3	-	2
CO2	2	3	3	-	-	-	1	2	2	2	-	-	-	1	1
CO3	2	-	1	3	3	2	-	1	-	1	-	-	2	1	1
CO4	1	2	1	-	-	1	2	-	-	1	-	-	1	-	1
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	*Mental Health Nursing I		
Course Code	N - MHN (I) 305 [T]		
Course Outcomes & Bloom's Level	**CO1-** Comprehend informationcurrent trends, and theories in historical development in the field of Mental health.**(BL1-Remember)** **CO2-** Apply principles of psychiatric nursing in clinical practice.**(BL2-Understand)** **CO3-** Ability of assessment, therapeutic communication and various treatment modalities(E.C.T, Behavioral therapies. etc)**(BL3-Apply)** **CO4-** Infer and illustrate the psycho dynamics and Assessing patient with psychiatric disorders take decisions to provide comprehensive nursing care individually as well as in teams**(BL4-Analyze)** **CO5-** Evaluate, relate and infer the prognosis and treatment modalities in mental ill patients.**(BL5-Evaluate)**		
Course Elements	Skill Development ✔ Entrepreneurship ✘ Employability ✔ Professional Ethics ✘ Gender ✘ Human Values ✘ Environment ✘	**SDG (Goals)**	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	1	1	1	1	1	1	2	1	1	2	2	1	1	2
CO2	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1
CO3	1	1	1	2	1	1	1	1	1	1	1	2	1	1	2
CO4	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
CO5	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Community Health Nursing I incl Env. Sc. & Epidemiology
Course Code	N- COMH (I) 310 [T]
Course Outcomes & Bloom's Level	**CO1-** define community and community health nursing also interpreting the scope of community health and community health nursing.**(BL1-Remember)** **CO2-** understand the community health problems and holistic care , competent nursing care and extended role of nurses in community health centers.**(BL2-Understand)** **CO3-** demonstrate and show in the community about the self-examination, hand hygiene and related to the menstrual hygiene and care of a pregnant mother, new born baby and geriatric**(BL3-Apply)** **CO4-** evaluate the problem in the community by questioning and behalf of that students able to analyze the problem regarding health issues.**(BL4-Analyze)** **CO5-** detect the problems in the community and assess the problem that how the particular situation is occurring and students can argue and debate on that and can evaluate it.**(BL5-Evaluate)**

Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics ✗ Gender ✓ Human Values ✓ Environment ✓	**SDG (Goals)**	SDG3(Good health and well-being) SDG4(Quality education) SDG5(Gender equality) SDG7(Affordable and clean energy) SDG8(Decent work and economic growth) SDG10(Reduced inequalities)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	2	3	2	2	1	2	2	1	2	2	2	2	3	2
CO2	1	3	1	2	2	2	2	2	2	2	3	3	3	1	2
CO3	1	1	2	2	1	2	2	1	2	3	3	2	1	2	2
CO4	2	1	1	2	1	1	1	1	1	1	1	1	1	1	2
CO5	2	2	2	1	2	1	1	1	1	1	1	2	3	3	2
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Community Health Nursing I incl Env. Sc. & Epidemiology
Course Code	N- COMH (I) 310 [P]
Course Outcomes & Bloom's Level	**CO1-** define community and community health nursing also interpreting the scope of community health and community health nursing.**(BL1-Remember)** **CO2-** understand the community health problems and holistic care , competent nursing care and extended role of nurses in community health centers.**(BL2-Understand)** **CO3-** demonstrate and show in the community about the self-examination, hand hygiene and related to the menstrual hygiene and care of a pregnant mother, new born baby and geriatric**(BL3-Apply)** **CO4-** evaluate the problem in the community by questioning and behalf of that students able to analyze the problem regarding health issues.**(BL4-Analyze)** **CO5-** detect the problems in the community and assess the problem that how the particular situation is occurring and students can argue and debate on that and can evaluate it.**(BL5-Evaluate)**

Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics ✗ Gender ✓ Human Values ✓ Environment ✓	SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG5(Gender equality) SDG7(Affordable and clean energy) SDG8(Decent work and economic growth) SDG10(Reduced inequalities)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	2	3	2	2	1	2	2	1	2	2	2	2	3	2
CO2	1	3	1	2	2	2	2	2	2	2	3	3	3	1	2
CO3	1	1	2	2	1	2	2	1	2	3	3	2	1	2	2
CO4	2	1	1	2	1	1	1	1	1	1	1	1	1	1	2
CO5	2	2	2	1	2	1	1	1	1	1	1	2	3	3	2
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SONS-BSc_Nursing

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	*Child Health Nursing I		
Course Code	N - CHN (I) 301[P]		
Course Outcomes & Bloom's Level	**CO1-** observe and interpret changing trends in hospital care.**(BL3-Apply)** **CO2-** identify and illustrate different defects and systematic diseases of child health. **(BL4-Analyze)** **CO3-** able to assess treatment modalities including cosmetic surgery and nursing interventions in selected pediatric surgical problems/ Disorders**(BL5-Evaluate)**		
Course Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	**SDG (Goals)**	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	2	3	3	2	3	2	3	2	3	2	3	3	3	2
CO2	2	3	2	2	3	2	3	2	2	2	3	2	2	2	3
CO3	3	3	3	2	3	2	3	2	1	2	1	3	1	2	1
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SONS-BSc_Nursing

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	*Mental Health Nursing I		
Course Code	N - MHN (I) 305 [P]		
Course Outcomes & Bloom's Level	**CO1-** Comprehend informationcurrent trends, and theories in historical development in the field of Mental health.**(BL1-Remember)** **CO2-** Apply principles of psychiatric nursing in clinical practice.**(BL2-Understand)** **CO3-** Ability of assessment, therapeutic communication and various treatment modalities(E.C.T, Behavioral therapies. etc)**(BL3-Apply)** **CO4-** Infer and illustrate the psycho dynamics and Assessing patient with psychiatric disorders take decisions to provide comprehensive nursing care individually as well as in teams**(BL4-Analyze)** **CO5-** Evaluate, relate and infer the prognosis and treatment modalities in mental ill patients.**(BL5-Evaluate)**		
Course Elements	Skill Development ✔ Entrepreneurship ✔ Employability ✔ Professional Ethics ✘ Gender ✘ Human Values ✘ Environment ✘	**SDG (Goals)**	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	1	1	1	1	1	1	2	1	1	2	2	1	1	2
CO2	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1
CO3	1	1	1	2	1	1	1	1	1	1	1	2	1	1	2
CO4	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
CO5	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Personality Development
Course Code	BNSG 507
Course Outcomes & Bloom's Level	**CO1-** Describe basic personality traits and personality types &various stages of personality development**(BL1-Remember)** **CO2-** Enumerate personality disorders**(BL2-Understand)** **CO3-** Demonstrate skills in identifying personality disorders**(BL3-Apply)** **CO4-** Utilize knowledge in knowing self and others and improve relationship with others**(BL4-Analyze)** **CO5-** Provide care to patients with personality disorders by emphasizing on respecting individual culture and spiritual needs**(BL5-Evaluate)**
Course Elements	Skill Development ✗ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	**SDG (Goals)**	SDG4(Quality education) SDG5(Gender equality) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
CO2	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-
CO3	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-
CO4	-	-	1	-	-	-	-	-	-	-	1	-	-	1	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Cognitive Behavioural Therapy
Course Code	BNSG 506
Course Outcomes & Bloom's Level	**CO1-** Explain the concept and techniques of CBT**(BL1-Remember)** **CO2-** Use techniques to develop a therapeutic alliance based on CBT**(BL2-Understand)** **CO3-** Discuss cognitive conceptualization-automatic thoughts and alternative explanations based on cognitive model**(BL3-Apply)** **CO4-** Describe strategies to identify and respond to cognitions including dysfunctional cognitions**(BL5-Evaluate)** **CO5-** Formulate thought records and action plans**(BL6-Create)**

Course Elements	Skill Development ✘ Entrepreneurship ✘ Employability ✓ Professional Ethics ✘ Gender ✘ Human Values ✘ Environment ✘	**SDG (Goals)**	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-
CO2	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
CO3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO4	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Addiction Psychiatry
Course Code	BNSG 508
Course Outcomes & Bloom's Level	**CO1-** Describe the Terminologies , Classification & etiological Factors related to addiction **(BL1-Remember)** **CO2-** Identify treatment related adverse effects and emergencies and manage them effectively**(BL2-Understand)** **CO3-** Demonstrate skill in managing patients with substance use disorders.**(BL3-Apply)** **CO4-** Apply nursing process in caring for patients with substance related disorders. **(BL4-Analyze)** **CO5-** Utilize available support to rehabilitate needy individuals.**(BL5-Evaluate)**
Course Elements	Skill Development ✗ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	**SDG (Goals)**	SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	-	-	-	-	1	-	-	-	-	-	-	1	-	-
CO2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
CO3	1	-	-	-	-	1	-	-	-	-	-	-	1	1	-
CO4	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-
CO5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SONS-BSc_Nursing

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Adolescent Health
Course Code	BSNG 509
Course Outcomes & Bloom's Level	**CO1-** Describe the developmental needs of adolescents**(BL1-Remember)** **CO2-** Identify, and manage common health problems among adolescents including Adjustment & conduct disorders, mental disorders, eating disorders, substance use disorders**(BL2-Understand)** **CO3-** Promoting the development of life skills among adolescents**(BL3-Apply)**

Course Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✗ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
CO2	1	-	-	-	-	2	-	-	-	-	-	-	-	1	
CO3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Child Health Nursing I&II
Course Code	N - CHN (II) 301 [T]
Course Outcomes & Bloom's Level	**CO1-** will be able to identify the role of pediatric nurse in various settings**(BL1-Remember)** **CO2-** will interpret & relate disorders in Common Communicable diseases.**(BL2-Understand)** **CO3-** are able to categorize the nursing process in the care of ill infants to pre adolescents in hospital and community.**(BL3-Apply)** **CO4-** are able to assess treatment modalities including cosmetic surgery and nursing interventions in selected pediatric surgical problems/ Disorders**(BL4-Analyze)** **CO5-** able to prepare a design for layout and describe standards for management of pediatric units/hospitals.**(BL5-Evaluate)**

Course Elements	Skill Development ✔ Entrepreneurship ✘ Employability ✔ Professional Ethics ✘ Gender ✘ Human Values ✘ Environment ✘	**SDG (Goals)**	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
CO2	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1
CO3	1	1	2	1	1	1	1	1	2	2	2	2	1	1	1
CO4	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
CO5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SONS-BSc_Nursing

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Mental Health Nursing (I&II)
Course Code	N - MHN (II) 305 [T]
Course Outcomes & Bloom's Level	**CO1-** Comprehend informationcurrent trends, and theories in historical development in the field of Mental health.**(BL1-Remember)** **CO2-** Apply principles of psychiatric nursing in clinical practice.**(BL2-Understand)** **CO3-** Ability of assessment, therapeutic communication and various treatment modalities(E.C.T, Behavioral therapies. etc)**(BL3-Apply)** **CO4-** Infer and illustrate the psycho dynamics and Assessing patient with psychiatric disorders take decisions to provide comprehensive nursing care individually as well as in teams**(BL4-Analyze)** **CO5-** Evaluate, relate and infer the prognosis and treatment modalities in mental ill patients.**(BL5-Evaluate)**
Course Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗

	SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	1	-	-	1	1	1	2	1	1	2	2	1	1	2
CO2	1	-	1	1	2	-	-	2	1	1	1	1	1	1	1
CO3	1	1	1	2	1	-	-	1	1	1	1	2	1	1	2
CO4	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
CO5	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SONS-BSc_Nursing

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Midwifery & Gynaecology I		
Course Code	N - MIDW (II) OBGN 335 [T]		
Course Outcomes & Bloom's Level	**CO1-** recognize, state the concept and principles of Midwifery and Obstetric Nursing. **(BL1-Remember)** **CO2-** comprehend,distinguish and explain knowledge and skills in implementing nursing care to normaland high-risk pregnant women in hospitaland community setting. **(BL2-Understand)** **CO3-** apply, demonstrate the skills in assessing normal and high-riskobstetricsand providingbasicemergencyobstetricandneonatalcare**(BL3-Apply)** **CO4-** identify,analyze the health needs and impart maternal, neonatal, family planning and other reproductive health services in the hospital and community.**(BL4-Analyze)** **CO5-** describe, explain and evaluate professional competency in handling normal and high-risk conditions of women in pregnancy and use of various equipment's in Obstetrics.**(BL5-Evaluate)** **CO6-** explain the evidence-based nursing practice in the field of Obstetrical Nursing and function as independent Midwifery Nurse Practitioner.**(BL6-Create)**		
Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	**SDG (Goals)**	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	1	1	2	1	1	1	2	1	1	2	2	1	2	1
CO2	2	1	1	1	2	1	1	2	1	1	1	1	1	2	1
CO3	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
CO4	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
CO5	2	1	1	2	1	1	1	1	1	1	1	1	2	2	1
CO6	2	1	2	2	1	2	2	2	1	2	1	2	2	1	1

SONS-BSc_Nursing

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Nursing Management & Leadership
Course Code	NMLE 330
Course Outcomes & Bloom's Level	**CO1-** Remember the definition, concepts and various theories, trends of Nursing Management.**(BL1-Remember)** **CO2-** Understand the staffing patterns, human recourses, budgeting and its relation to patient care and elaborate the functions of the nurse in the Hospital settings.**(BL2-Understand)** **CO3-** Apply the importance of patient classification system, disaster management and its applications in the hospital settings.**(BL3-Apply)** **CO4-** Analyze evidence based practice, channel of communication and to enable students to analyze the methods of ward management.**(BL4-Analyze)** **CO5-** Evaluate the applications of evidence based practice such as case study, research based clinical practices.**(BL5-Evaluate)**
Course Elements	Skill Development ✗ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✓ Environment ✗	**SDG (Goals)**	SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2
CO2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
CO3	1	1	1	1	1	1	2	2	1	1	1	2	1	1	1
CO4	1	1	1	1	1	1	1	2	1	1	1	2	1	1	1
CO5	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Child Health Nursing I&II
Course Code	N - CHN (II) 301 [P]
Course Outcomes & Bloom's Level	**CO1-** observe and interpret changing trends in hospital care.**(BL1-Remember)** **CO2-** apply principles of growth and developmental milestones from birth to adolescence.**(BL2-Understand)** **CO3-** identify and illustrate different defects and systematic diseases of child health. **(BL3-Apply)**

Course Elements		SDG (Goals)	
Course Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
CO2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
CO3	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Mental Health Nursing (I&II)
Course Code	N - MHN (II) 305 [P]
Course Outcomes & Bloom's Level	**CO1-** comprehend information current trends, and theories in historical development in the field of Mental health.**(BL2-Understand)** **CO2-** apply principles of psychiatric nursing in clinical practice.**(BL3-Apply)** **CO3-** ability of assessment, therapeutic communication and various treatment modalities(E.C.T, Behavioral therapies. etc)**(BL4-Analyze)** **CO4-** evaluate, relate and infer the prognosis and treatment modalities in mental ill patients.**(BL5-Evaluate)** **CO5-** infer and illustrate the psycho dynamics and Assessing patient with psychiatric disorders take decisions to provide comprehensive nursing care individually as well as in teams**(BL6-Create)**
Course Elements	Skill Development ✔ Entrepreneurship ✔ Employability ✔ Professional Ethics ✘ Gender ✘ Human Values ✘ Environment ✘	**SDG (Goals)**	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	1	1	1	1	1	1	2	1	1	2	2	1	1	2
CO2	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1
CO3	1	1	1	2	1	1	1	1	1	1	1	2	1	1	2
CO4	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
CO5	1	1	1	1	1	1	1	1	`1	1	1	1	2	1	1
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Midwifery & Gynaecology I
Course Code	N - MIDW (I) OBGN 335 [P]
Course Outcomes & Bloom's Level	**CO1-** recognize, state the concept and principles of Midwifery and Obstetric Nursing. **(BL1-Remember)** **CO2-** comprehend,distinguish and explain knowledge and skills in implementing nursing care to normaland high-risk pregnant women in hospitaland community setting. **(BL2-Understand)** **CO3-** demonstrate the skills in assessing normal and high-risk obstetrics and providing basic emergency obstetric and neonatal care**(BL3-Apply)** **CO4-** impart maternal,neonatal,family planning and other reproductive health services in the hospital and community.**(BL4-Analyze)**

Course Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✗ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	1	1	2	1	1	1	2	1	1	2	2	1	2	1
CO2	2	1	1	1	2	1	1	2	1	1	1	1	1	2	1
CO3	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
CO4	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Menopausal Health
Course Code	BNSG 608
Course Outcomes & Bloom's Level	CO1- Understand the concept of menopausal health in women.**(BL1-Remember)** CO2- Discuss the importance of hormone replacement therapy.**(BL2-Understand)** CO3- Develop competencies in providing quality care to these women.**(BL3-Apply)** CO4- Educate women and families about the problems faced by them**(BL4-Analyze)**

Course Elements	Skill Development ✗ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	-	-	-	-	1	-	-	-	-	-	-	1	-	1
CO2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO3	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-
CO4	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Sports Health
Course Code	BNSG 605
Course Outcomes & Bloom's Level	**CO1-** to assess the severity of injury, recognize life threatening condition provide emergency care and initiate emergency procedures if any to avoid delay in care.**(BL1-Remember)** **CO2-** Understanding the importance of conditioning and sports injuries Rehabilitation. **(BL2-Understand)** **CO3-** Demonstrate understanding of sports health.**(BL3-Apply)** **CO4-** Participate effectively as a member of sports health team**(BL4-Analyze)**

Course Elements	Skill Development ✕ Entrepreneurship ✕ Employability ✕ Professional Ethics ✕ Gender ✕ Human Values ✕ Environment ✕	**SDG (Goals)**	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO2	1	-	-	-	-	1	-	-	-	-	-	-	-	1	-
CO3	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
CO4	1	-	-	-	-	1	-	-	-	-	-	-	-	-	1
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Accreditation & Practice Standards
Course Code	BNSG 606
Course Outcomes & Bloom's Level	**CO1-** Describe the accreditation standards for nursing institutions & Quality assurance mechanism in nursing**(BL1-Remember)** **CO2-** Explain the process of accreditation**(BL2-Understand)**

Course Elements	Skill Development ✗ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	**SDG (Goals)**	SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
CO2	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
CO3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Developmental psychology
Course Code	BNSG 607
Course Outcomes & Bloom's Level	**CO1-** Describe child development and special concerns related to the child development**(BL1-Remember)** **CO2-** Discuss the characteristics, dimensions of development and special concerns related to child development **(BL2-Understand)**

Course Elements	Skill Development ✗ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	-	-	1	-	-	-	-	-	-	-	-	-	1	-
CO2	2	-	-	1	-	-	-	-	-	-	-	-	-	-	1
CO3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Health Economics
Course Code	BNSG 609
Course Outcomes & Bloom's Level	**CO1-** Explain the meaning of economics and health economics.**(BL1-Remember)** **CO2-** Discuss financing system of health care services in India.**(BL2-Understand)** **CO3-** Describe the structure of health care industry and characteristics of market for health care services.**(BL3-Apply)** **CO4-** Analyze the concept of cost in health care.**(BL4-Analyze)**

Course Elements	Skill Development ✘ Entrepreneurship ✘ Employability ✔ Professional Ethics ✘ Gender ✘ Human Values ✘ Environment ✘	SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	-	-	-	-	1	-	-	-	-	-	-	-	1	-
CO2	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
CO3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO4	1	-	-	-	-	1	-	-	-	-	-	-	-	-	1
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SONS-BSc_Nursing

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Midwifery & Gynecology (OBG) Nursing (I&II)
Course Code	N- MIDW (II) OBGN 410 [T]
Course Outcomes & Bloom's Level	**CO1-** recognize, state the concept and principles of Midwifery and Obstetric Nursing. **(BL1-Remember)** **CO2-** comprehend,distinguish and explain knowledge and skills in implementing nursing care to normaland high-risk pregnant women in hospitaland community setting. **(BL2-Understand)** **CO3-** apply, demonstrate the skills in assessing normal and high-risk obstetrics and providing basic emergency obstetric and neonatal care**(BL3-Apply)** **CO4-** identify,analyze the health needs and impart maternal, neonatal, family planning and other reproductive health services in the hospital and community.**(BL4-Analyze)** **CO5-** describe, explain and evaluate professional competency in handling normal and high-risk conditions of women in pregnancy and use of various equipment's in Obstetrics.**(BL5-Evaluate)** **CO6-** explain the evidence-based nursing practice in the field of Obstetrical Nursing and functional independent Midwifery Nurse Practitioner.**(BL6-Create)**
Course Elements	Skill Development ✔ Entrepreneurship ✘ Employability ✔ Professional Ethics ✔ Gender ✘ Human Values ✘ Environment ✘	**SDG (Goals)**	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	1	1	2	1	1	1	2	1	1	2	2	1	2	1
CO2	2	1	1	1	2	1	1	2	1	1	1	1	1	2	1
CO3	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
CO4	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
CO5	2	2	1	2	1	1	1	1	1	1	1	1	2	2	1
CO6	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1

SONS-BSc_Nursing

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Community Health Nursing II
Course Code	N -COMH (II) 401 [T]
Course Outcomes & Bloom's Level	**CO1-** define community and community health nursing also interpreting the scope of community health and community health nursing.**(BL1-Remember)** **CO2-** understand the community health problems and holistic care , competent nursing care and extended role of nurses in community health centers.**(BL2-Understand)** **CO3-** demonstrate and show in the community about the self-examination, hand hygiene and related to the menstrual hygiene and care of a pregnant mother, new born baby and geriatric.**(BL3-Apply)** **CO4-** evaluate the problem in the community by questioning and behalf of that students able to analyze the problem regarding health issues.**(BL4-Analyze)** **CO5-** detect the problems in the community and assess the problem that how the particular situation is occurring and students can argue and debate on that and can evaluate it.**(BL5-Evaluate)**
Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics ✗ Gender ✓ Human Values ✓ Environment ✗	SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG5(Gender equality) SDG6(Clean water and sanitation) SDG8(Decent work and economic growth) SDG10(Reduced inequalities)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	2	3	2	3	1	3	3	2	2	1	2	2	2	2
CO2	3	2	3	3	2	3	2	2	1	2	2	2	3	2	3
CO3	2	3	2	2	2	3	2	2	3	3	3	2	3	2	2
CO4	2	3	2	2	2	2	2	2	2	2	3	3	3	3	2
CO5	1	3	2	2	2	1	1	2	2	1	1	3	1	2	2
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SONS-BSc_Nursing

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Nursing Research & Statistics
Course Code	NRST 405
Course Outcomes & Bloom's Level	**CO1-** know, recognize, recall, state the concepts, terms, approaches, and methods of data collection in nursing research.**(BL1-Remember)** **CO2-** comprehend, distinguish, Understand and explain appropriate design and sampling technique in nursing research.**(BL2-Understand)** **CO3-** discover, apply, use and relate the nursing research problems and carrying out the nursing research.**(BL3-Apply)** **CO4-** identify, select, outline, compare, differentiate & analyze, research data, interpreting and utilizing the findings from health related research.**(BL4-Analyze)** **CO5-** compare, explain, interpret & evaluate the various methods of date collection and tools.**(BL5-Evaluate)** **CO6-** explain, generate, reconstruct Design a plan and create/prepare the research project by evidence based practice by utilization of nursing research.**(BL6-Create)**
Course Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	**SDG (Goals)**	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	2	3	1	3	2	2	3	1	3	1	3	2	3	3
CO2	2	3	1	3	1	2	3	1	3	1	3	1	2	2	2
CO3	2	3	1	2	3	2	3	1	2	1	2	3	1	1	2
CO4	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2
CO5	2	1	3	1	1	2	2	1	2	2	1	2	2	1	2
CO6	2	-	2	-	2	2	-	-	-	-	2	-	1	-	1

SONS-BSc_Nursing

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Midwifery & Gynaecology (OBG) Nursing (I&II)
Course Code	N - MIDW (II) OBGN 335 [P]
Course Outcomes & Bloom's Level	**CO1-** recognize, state the concept and principles of Midwifery and Obstetric Nursing. **(BL1-Remember)** **CO2-** comprehend,distinguish and explain knowledge and skills in implementing nursing care to normaland high-risk pregnant women in hospitaland community setting. **(BL2-Understand)** **CO3-** apply, demonstrate the skills in assessing normal and high-risk obstetrics and providing basic emergency obstetric and neonatal care**(BL3-Apply)** **CO4-** identify, analyze the health needs and impart maternal,neonatal,family planning and other reproductive health services in the hospital and community.**(BL4-Analyze)** **CO5-** describe,explain and evaluate professional competency in handling normal and high-risk conditions of women in pregnancy and use of various equipment's in obstetrics.**(BL5-Evaluate)**
Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✓ Environment ✗	**SDG (Goals)**	SDG3(Good health and well-being) SDG4(Quality education) SDG10(Reduced inequalities) SDG17(Partnerships for the goals)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	1	1	2	1	1	1	2	1	1	2	2	1	2	1
CO2	2	1	1	1	2	1	1	2	1	1	1	1	1	2	1
CO3	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
CO4	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
CO5	2	1	1	2	1	1	1	1	1	1	1	2	2	1
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Community Health Nursing II
Course Code	N -COMH (II) 401 [P]
Course Outcomes & Bloom's Level	**CO1-** understand the community health problems and holistic care , competent nursing care and extended role of nurses in community health centers.**(BL3-Apply)** **CO2-** detect the problems in the community and assess the problem that how the particular situation is occurring and students can argue and debate on that and can evaluate it.**(BL4-Analyze)**

Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	**SDG (Goals)**	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	3	2	2	3	1	1	2	2	2	3	3	3	1	2
CO2	3	2	2	3	2	2	2	3	3	3	2	1	1	2	3
CO3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SONS-BSc_Nursing

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Nursing Research Project
Course Code	NRST 405
Course Outcomes & Bloom's Level	**CO1-** To enhance their scientific writing skills **(BL3-Apply)** **CO2-** To comprehend, distinguish, understand and explain appropriate design and sampling technique in nursing research.**(BL4-Analyze)** **CO3-** To explain, generate, reconstruct Design a plan and create/prepare the research project by evidence based practice by utilization of nursing research.**(BL5-Evaluate)**

Course Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	**SDG (Goals)**	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	2	1	2	2	1	-	2	2	-	-	-	2	2	-
CO2	3	2	2	1	-	2	2	2	2	1	-	-	2	-	2
CO3	2	2	1	2	2	-	2	1	2	-	-	-	-	2	2
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SONS-BSc_Nursing

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Scientific writing skills
Course Code	BNSG 704
Course Outcomes & Bloom's Level	**CO1-** Understand the process and basics of scientific writing and publishing.**(BL1-Remember)** **CO2-** Apply the principles in grant writing.**(BL2-Understand)** **CO3-** Write scientific manuscript for publication in indexed national/international journals.**(BL3-Apply)**

Course Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	SDG (Goals)	SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-
CO2	-	-	-	-	1	-	1	-	-	-	-	1	1	-	-
CO3	-	-	1	-	-	-	-	-	-	-	-	1	-	-	1
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SONS-BSc_Nursing

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Lactation management
Course Code	BNSG 705
Course Outcomes & Bloom's Level	**CO1-** Understand the concept of lactation and anatomy of breast in postpartum women.**(BL1-Remember)** **CO2-** Discuss the physiology of lactation and composition of breast milk**(BL2-Understand)** **CO3-** Develop competencies in providing quality nursing care to these women based on nursing process.**(BL3-Apply)** **CO4-** Educate women and families about the lactation problems faced by them and improve in breast feeding.**(BL4-Analyze)**

Course Elements	Skill Development ✖ Entrepreneurship ✖ Employability ✔ Professional Ethics ✖ Gender ✖ Human Values ✖ Environment ✖	SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	-	-	-	-	1	-	-	-	1	-	-	-	-	1
CO2	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-
CO3	1	-	-	-	-	1	-	-	-	-	-	-	1	-	-
CO4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Sexuality & Health
Course Code	BNSG 706
Course Outcomes & Bloom's Level	**CO1-** Describe the changes that occur during puberty and secondary sexual characteristics.**(BL1-Remember)** **CO2-** Explain the role of trust and ways to establish trust in a relationship.**(BL2-Understand)** **CO3-** Provide health education on safer sex practices and prevent the sexually transmitted diseases/blood borne diseases.**(BL3-Apply)** **CO4-** Develop strategies to reduce sexual risk.**(BL4-Analyze)** **CO5-** Examine and evaluate the risk factors associated with exposure to blood-borne diseases.**()**

Course Elements	Skill Development ✗ Entrepreneurship ✗ Employability ✗ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	**SDG (Goals)**	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
CO2	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-
CO3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO4	1	-	-	-	-	1	-	-	-	-	-	-	-	-	1
CO5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SONS-BSc_Nursing

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Stress management
Course Code	BNSG 707
Course Outcomes & Bloom's Level	**CO1-** Identify the causes of unwanted stress.**(BL1-Remember)** **CO2-** Understand how stress works and its effects on human behavior and physiology.**(BL2-Understand)** **CO3-** Develop techniques to avoid stress affect the personal and professional life.**(BL3-Apply)** **CO4-** Utilize effective stress reduction techniques.**(BL4-Analyze)** **CO5-** Develop a Personal Action Plan for Stress Management.**()**
Course Elements	Skill Development ✗ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	**SDG (Goals)**	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
CO2	-	1	-	-	-	-	-	-	-	-	-	1	-	-	1
CO3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
CO4	-	1	-	-	-	-	-	-	-	-	-	1	-	-	1
CO5	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Job readiness & employability in health care setting
Course Code	BNSG 708
Course Outcomes & Bloom's Level	**CO1-** Identify the personal skills, qualities, values, attributes and behaviours needed at each career level.**(BL1-Remember)** **CO2-** Demonstrate the employability skills required at different levels and in different roles across the health sector.**(BL2-Understand)**

Course Elements	Skill Development ✗ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	SDG (Goals)	SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	-	-	-	-	1	1	-	-	-	-	-	-	-	1
CO2	-	-	1	-	-	1	1	-	-	-	-	-	-	-	1
CO3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SONS-BSc_Nursing

Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Competency Assessment
Course Code	INTE 415, 420, 425, 430, 435

Course Outcomes & Bloom's Level	**CO1-** To develop students' proficiency in various nursing skills including patient handover, hygiene, admission and discharge procedures, vital signs measurement, physical assessment, medication administration, CPR, aseptic techniques, Code blue management, documentation, physician order review, basic nursing care, assistance with medical procedures, central line care, administration of various treatments, cardiac management, dysrhythmia recognition, interpretation of clinical signs, and nursing care for specific medical conditions.**(BL1-Remember)** **CO2-** Acquiring basic nursing care skills, preoperative management skills encompassing patient preparation, preoperative checklist checks, and specific preparations, mastering pre-procedural preparations for various procedures, post-operative care including immediate post-operative care and wound care, proficiency in surgical dressing setup and wound care techniques, competence in managing ostomies and underwater seal drainage, expertise in renal/urologic management including catheter insertion and maintenance, and comprehensive understanding of orthopedic care involving traction maintenance, plaster cast care, and bandage application**(BL2-Understand)** **CO3-** Acquiring specialized skills in Maternity/Obstetric and Gynecology care, such as performing antenatal assessments, assisting in high-risk patient care, providing postnatal routine care, mastering various gynecological procedures, managing patients in labor, delivering immediate newborn care, and accurately documenting all relevant medical and nursing information**(BL3-Apply)** **CO4-** The Pediatric Medical Specialty Skills, Pediatric Surgical Specialty Skills, and Pediatric Neonatal Intensive Care Specialty include acquiring competence in basic nursing care, admission and discharge procedures, physical health assessment, nursing management across various pediatric specialties, patient safety measures, IV therapy, respiratory care, diagnostic preparation, and comprehensive documentation for pediatric patients across a spectrum of medical conditions and surgical interventions.**(BL4-Analyze)** **CO5-** The General Intensive Care Specialty Skills include mastering essential nursing care, advanced procedures such as defibrillation and thrombolytic therapy, airway management, central line maintenance, chest physiotherapy, feeding management, postoperative care for various surgeries, administration of medications, use of life support equipment, interpretation of critical patient signs and symptoms, psychosocial support, and post-mortem care, while the Operating Room Specialty Skills cover electronic life support equipment use, vital signs monitoring, aseptic techniques, haemodynamic monitoring, patient positioning, procedural sedation, and psycho-social patient support, and the Dialysis Specialty Skills encompass comprehensive dialysis patient care, vascular access management, patient monitoring, infection control, patient education, and laboratory blood work**()**

Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	**SDG (Goals)**	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	2	3	2	2	3	3	2	3	2	2	2	2	1	1
CO2	3	2	2	3	2	1	2	2	2	1	1	3	3	2	2
CO3	3	2	3	2	2	2	2	3	2	3	2	2	2	1	2
CO4	3	2	2	2	3	2	3	2	2	3	2	2	1	2	2
CO5	2	2	1	1	2	2	2	2	2	1	2	2	2	2	2
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-