



Vision & Mission

Vision


To be known globally for value-based education, research, creativity and innovation"

Mission

- Establish state-of-the-art facilities for world class education and research.
- Collaborate with industry and society to align the curriculum,
- Involve in societal outreach programs to identify concerns and provide sustainable ethical solutions.
- Encourage life-long learning and team-based problem solving through an enabling environment.



SON/NURSING/BSC NURSING/1.1.2/1/15


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GALGOTIAS SCHOOL OF NURSING

VISION

To be recognized globally as a center of nursing excellence by imparting value based education through research and innovation to meet the health care needs of society at large.

MISSION

1. Promote quality nursing education to build a strong and diverse nursing workforce to advance the health of our nation and global community.
2. Collaborate with the health care institutions of national repute to foster value driven, culturally sensitive and innovative nursing competency.



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PROGRAM EDUCATIONAL OBJECTIVES

The graduates of B.Sc. Nursing shall:

1. Demonstrate successful career in nursing services and engage in innovation and research while working at national and global level.
2. Exhibit leadership and managerial skills and participate effectively in the delivery of health care within the framework of legal boundaries.
3. Pursue higher education and shall engage in need based research as per the social needs and utilize the findings in providing evidence based nursing practice.



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PROGRAM SPECIFIC OUTCOME

The students of B.Sc. Nursing shall be able to:

1. Demonstrate competency in nursing skills and technologies to provide quality nursing care in hospital and community setting.
2. Assume the responsibility to deal with any kind of disasters outbreaks and any emergency situation arising in the country in collaboration with other team



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POs-Program Outcomes

The graduates of B.Sc. Nursing shall be able to :

1. Engage in advance nursing practice based on the integration of knowledge from nursing, physical, biological, behavioral, humanity sciences including alternative system of medicine and ethical principles and professional code of conduct.
2. Demonstrate understanding of life cycle and other factors which effect health of individuals and groups.
3. Provide patient care based on steps of nursing process in the hospitals and community settings.
4. Demonstrate critical thinking skills in making decision in all situations in order to provide safe quality patient care.
5. Utilize advanced technologies such as artificial intelligence, patient information system, digital technologies used in patient care and diagnostic procedures in the hospital to ensure safe practices.
6. Provide comprehensive and holistic health care services in line with the national health policies and programmes.
7. Collaborate with multidisciplinary health team and communicate effectively with individuals and groups, and members of the health care team in order to promote effective interpersonal relationship and team work.

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8. Demonstrate leadership and managerial skills in nursing education, practice and innovative research to improve health care quality, safety and better patient outcome.
9. Design and apply culturally responsive patient centered, evidence based activities for health improvement of population.
10. Provide population focus care in community by incorporating the concept of health promotion, disease and injury prevention in all the settings of health care delivery system.
11. Participate in continuing education program such as workshops, conferences at national and international levels for self and professional advancement and engage in lifelong learning.
12. Conduct need based research studies and provide evidence based nursing care in the hospital and community setting.



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BSC NURSING 1ST YEAR

Name of The Course	Anatomy & Physiology			
Course Code	BSCN1001			
Prerequisite	10+2 with PCB 55%			
Corequisite	Anatomy physiology lab with models, charts, log book, Group projects, Video film, Anatomy & Physiology Atlas.			
Antirequisite	NA			
	L	T	P	C
	4	0	0	4

Course Objectives:

1. To enable students to acquire knowledge of normal structure of human body system
2. To enable students to acquire knowledge of normal functions of each body system
3. To identify any deviations from normal to abnormal
4. To apply knowledge of anatomy and physiology to treat disease conditions in hospital settings.

Course Outcomes

CO1	Describe anatomical terminology, organization of human body, structure of cell & tissues and its implications in nursing.
CO2	Explain & demonstrate normal structure (Anatomy) of various human body systems.
CO3	Explain & demonstrate normal functions (physiology) of various human body systems
CO4	Identify and demonstrate the alteration in anatomical structures in diseases and practice of nursing.
CO5	Identify and demonstrate the alteration in physiological parameters in diseases and practice of nursing.

Text Book (s)


1. Cohen – Memmler's Structure & Function of Human Body, 2009, LWW.
2. Waugh – Ross & Wilson Anatomy & Physiology, 2008, Elsevier.
3. Tortora – Anatomy & Physiology, 2007, Wiley

Reference Book (s)

1. Chaurasia – Human Anatomy, 2005, CBS Publishers
2. Standring - Gray's Anatomy, 2006, Elsevier
3. Snell – Clinical Anatomy by Regions, WK.



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Unit-1 Introduction to Anatomical terms organization of the human body and Cell Physiology
5 + 4 hours

Anatomy

Human Cell structure. Tissues – Definition, Types, characteristics, classification, location, functions & formation. Membranes and glands – classification and structure

Physiology

Cell Physiology. Tissue formation, repair. Membranes & glands – functions
Alterations in disease .Applications and implications in nursing

Unit-2 The Skeletal System

6+4 hours

Anatomy

Bones – types, structure, Axial & Appendicular Skeleton, Bone formation and growth, Description of bones, Joints classification and structure

Physiology

Bone formation & growth. Bones – Functions and movements of bones of axial and appendicular skeleton, bone healing, Joints and joint movement
Alterations in disease. Applications and implications in nursing

Unit-3 The Muscular System

7+4 hours

Anatomy

Types and structure of muscles, Muscle groups

Physiology

Muscle movements, Muscle tone, Physiology of muscle contraction, levels and maintenance of posture , Alterations in disease, Applications and implications in nursing

Unit-4 The nervous System

6+7 hours

Anatomy

Structure of neurologia & neurons, Somatic Nervous system, Structure of brain, spinal cord, cranial nerves, spinal nerves, peripheral nerves
Autonomic Nervous System –Sympathetic, parasympathetic, Structure, location

Physiology

Functions of Neurologia & neurons, Stimulus & nerve-impulse- definitions and mechanism, Functions of brain, spinal cord, cranial and spinal nerves
Cerebrospinal fluid-composition, circulation and function Reflex arc, Reflex action and reflexes, Automatic functions –Pain: somatic, visceral and referred, Automatic learning and biofeedback
Alterations in disease, Applications and implications in nursing

Unit-5 The Sensory Organs

6+4 hrs

Anatomy

Structure of skin, eye, ear, nose tongue, (Auditory and olfactory apparatus)

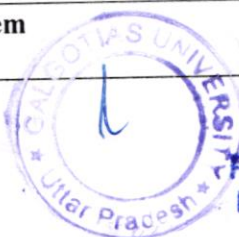
Physiology

Functions of skin, eye, ear, nose, tongue, Alterations in disease, Applications and implications in nursing

Unit -6 Circulatory and lymphatic system

7+8 hrs

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Anatomy

The Circulatory System: Blood – Microscopic structure, Structure of Heart, Structure of blood vessels- Arterial & Venous System, Circulation: Systemic, pulmonary, coronary, Lymphatic System, Lymphatic vessels & lymph, Lymphatic tissues: Thymus gland, Lymph nodes, Spleen, Lymphatic tissues

Physiology

Blood formation, composition, blood groups, blood coagulation, Hemoglobin: Structure, Synthesis and breakdown, Variation of molecules, estimation, Functions of Heart, Conduction, Cardiac cycle, circulation-Principles, Control, factors influencing BP and Pulse, Alterations in disease, Applications and implications in nursing

Unit -7 The Respiratory System

5+6 hrs

Anatomy

Structure of the organs of respiration, Muscles of respiration: Intercostals and Diaphragm

Physiology

Functions of respiratory organs, Physiology of respiration, Pulmonary ventilation, Volume, Mechanics of respiration, Gaseous exchange in lungs, Carriage of oxygen & carbon-dioxide, Exchange of gases in tissues, Regulation of respiration
Alterations in disease, Applications and implications in nursing

Unit – 8 The Digestive System

6+6 hrs

Anatomy: structure of Alimentary tract and accessory organs of digestion

Physiology

Functions of organs of digestive tract. Movements of alimentary tract, Digestion in mouth, stomach, small intestines, Large intestines, Absorption of food. Functions of liver, gall bladder and pancreas. Metabolism of carbohydrates, protein and fat.

Unit – 9 The Excretory system (Urinary)

4+5 hrs

Anatomy

Structure of organs of urinary System: Kidney, Ureters, urinary, bladder, urethra, structure of skin.

Physiology

Functions of kidneys, ureters, urinary bladder & urethra. Composition of urine. Mechanism of urine formation. Functions of skin. Regulation of body temperature. Fluid and electrolyte balance

Unit -10 The Endocrine system

4+5 hrs

Anatomy

Structure of Pituitary, Pancreas, thyroid, Parathyroid, thymus and adrenal glands

Physiology

Functions of Pituitary, pineal body, thymus, Thyroid, parathyroid, pancreas, Suprarenal, Placenta and ovaries & Testes

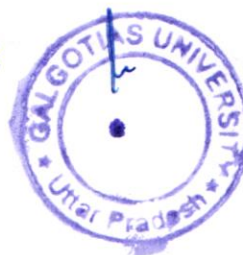
Unit – 11 Reproductive System including breast

4+5 hrs

Anatomy

Structure of female reproductive organs, Structure of male reproductive organs, Structure of breast,

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Alterations in disease.

Physiology

Reproduction of cells – DNA, Mitosis, Meiosis, spermatogenesis, oogenesis. Functions of female reproductive organs; Functions breast, Female sexual cycle. Introduction to embryology. Functions of male reproductive organs, Male function in reproduction, Male fertility system. Alterations in disease. Applications and implications in nursing.

Unit – 12 The Lymphatic and immunological system

2 hours


Circulation of lymph. Immunity. Formation of T-cells and B cells. Types of Immune response. Antigens. Cytokines. Antibodies

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Test (MTE)	End Term Test (ETE)	Total Marks
15	5+5	75	100



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BSC NURSING 2ND YEAR

Name of The Course	Sociology			
Course Code	BSCN2001			
Prerequisite	10+2 with PCB 55%			
Corequisite	Sociology books			
Antirequisite	NA			
	L	T	P	C
	2	0	0	2

Course Objectives:

This course is designed to introduce the concepts of sociology related to community and social institutions in India and its relationship with health, illness and nursing.

Course Outcomes

CO1	Describe the concept, importance of sociology and interrelationship of individuals in the society
CO2	Explain influence of culture on health and diseases
CO3	Identify social group and their interaction among each other
CO4	Describe the growth of population in India and its impact on health
CO5	Describe institution of family, marriage and their influence on health and health practices
CO6	Describe the role of nurse in social stratification, rural urban community, social change, social organization, social system, social control and social problems in India.

Text Book (s)


1. KP Neeraja "Text book of Sociology for nursing students". 1st edition 20014; Jaypee publishers
2. TK Indrani "Text book of sociology for nurses" 2nd edition 2012; Jaypee publishers
3. Jyoti Srivastava "Textbook of sociology for nursing students" 2st edition 2016, Kumar Publishing House

Reference Book (s)

1. I Clement "Sociology for nurses" 2nd edition 2010, pearson publishers
2. Krishne Gowda "sociology for nurses" 2nd edition, CR Publishing house
3. Karen willis and Shandell Elmer "Society, culture and health" 1st edition, Oxford publications

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Unit-1 INTRODUCTION Definition of Sociology Nature and Scope of the discipline Importance and application of Sociology in Nursing	1 hour
Unit-2 Individual & Society Society and Community Nature of Society, Difference between Society and Community Process of Socialization and individualization Personal disorganization	3 Hours
Unit-3 Culture Nature of culture, Evolution of culture • Diversity and uniformity of culture • Culture and socialization, Transcultural society • Influence on health and disease	5 Hours
Unit-4 Social groups and processes The meaning and classification of groups primary and secondary groups Group: In-group V/s. Out-group, Class Tribe, Caste, Economic, Political, Religious groups, Mob, Crowd, Public and Audience Interaction & Social Processes Co-operation, Competition, Conflict Accommodation, Assimilation & Isolation	6 Hours
Unit-5 Population Society and population • Population distribution in India- Demographic characteristics • Malthusian theory of Populations • Population explosion in India and its impact on health status • Family welfare programmes	8 Hours
Unit-6 Family and marriage Family- Functions • Types-Joint, Nuclear, Blended and extended family: Characteristics • The Modern Family — Changes, Problems-Dowry etc., welfare Services • Changes & legislations on family and marriage in India - marriage acts • Marriage: Forms and functions of marriage, • Marriage and family problems in India • Family, marriage and their influence on health and health practices	7 Hours
Unit-7 Social stratification meaning and types of social stratification The Indian Caste System- origin & features, Features of Caste in India Today • Social Class system and status	9 Hours

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- Social Mobility-Meaning & Types
- Race as a biological concept, criteria of racial classification
- Salient features of Primary races- Racism

• Influence of Class, Caste and Race on health and health practices

Unit-8 Types of communities in India

8 Hours

Types of Communities in India

(Rural, Urban and Regional)

Features of village ,community& Characteristics of Indian villages- Panchayat system, social dynamics

Community Development, project & planning

Changes in Indian Rural Life, Availability of health facilities in rural and its impact on health and health practices

Urban Community features

The growth of cities: Urbanization and its impact on health and health practices

Unit-9 Social change

6 Hours

- Nature and process of Social Change
- Factors influencing Social change: cultural change, Cultural lag.
- Introduction to Theories of social change: Linear, Cyclical, Marxian, Functional

Role of nurse-Change agents

Unit-10 Social organization and social system

6 Hours

- Democratic and authoritarian modes of participation,
 - Voluntary associations
 - Social system: Definition and Types of social system
 - Role and Status as structural elements of social system
- Inter-relationship of institutions

Unit-11 Social Control

4 Hours

- Nature and process of social control
- Political, Legal, Religious, Educational, Economic, Industrial and Technological systems, Norms & Values- Folkways & Mores, Customs, Laws and Fashion

Role of Nurse.

Unit-12 Social problems

17 Hours

Social disorganization

- Control & planning: poverty, housing, illiteracy, food supplies, prostitution, rights of women & children, vulnerable groups: Elderly, handicapped, minority groups and other marginalized groups, child labour, child abuse, delinquency and crime, substance abuse, HIV/AIDS.
- Social Welfare programmes in India

Role of nurse

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Test (MTE)	End Term Test (ETE)	Total Marks
15	10	75	100

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Name of The Course	Child Health Nursing (Practical)			
Course Code	BSCN3008			
Prerequisite	anatomy and physiology, medical surgical nursing			
Corequisite	Maternal and child health nursing lab with models, dummy, charts, log book			
Antirequisite	NA			
	L	T	P	C
	0	0	4.5	4.5

Course Objectives: This course is designed for developing skills in assessment of growth and development of children and learns to identify various medical, surgical and malformations in children which will aid in performing independent nursing care of children and educate their families.

Course Outcomes

CO1	Develop skills to provide nursing care to pediatric patient with medical and surgical conditions concerning all the system of human body and prepare parents and families for home care.
CO2	Perform assessment, examination and assist with therapeutic procedures in children with all medical and surgical conditions.
CO3	Demonstrate and develop skills in basic and advanced pediatric nursing procedures to handle all medical and surgical conditions including emergencies.
CO4	Develop skills in infection control practices and biomedical waste management to prevent nosocomial infections in children during their stay in the hospital.

Text Book (s)

Parul – Pediatric Nursing, 2014, Jaypee

Marlow – Textbook of Pediatric Nursing, 1996, Elsevier

Reference Book (s)

1. Padmaja – Pediatric Procedure Manual, 2014, Jaypee

2. Ghai – Essentials of Pediatrics, 2009, CBS

3. Lakshmana's – Clinical Pediatrics, Lakshmana Publications

4. Hockenberry – Wong's Nursing Care of the Infants & Children, 2007, Elsevier

Unit-1 Pediatric Medical ward	90HRS
➤ Pediatric history taking, Physical examination and assessment of children	

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<ul style="list-style-type: none"> ➤ Administer oral, I/M & IV medicine/fluids ➤ Calculation of fluid requirements ➤ Prepare different strengths of I.V. fluids ➤ Apply restraints ➤ Administer O2 inhalation by different methods ➤ Give baby bath ➤ Feed children by katori spoon, etc. ➤ Collect specimens for common investigations ➤ Assist with common diagnostic procedures ➤ Teach mothers/parents- malnutrition, oral rehydration therapy, feeding & weaning, Immunization schedule, play therapy, specific disease. 	90 HRS
Unit-2 Pediatric Surgery Ward	
<ul style="list-style-type: none"> ➤ Calculate, prepare and administer I/V fluids ➤ Do bowel wash ➤ Care for ostomies- Colostomy irrigation, ureterostomy, gastrostomy, enterostomy ➤ Urinary catheterization and drainage ➤ Feeding ➤ Naso-gastric ➤ Gastrostomy ➤ Jejunostomy ➤ Care of surgical wounds- dressing, suture removal. 	30HRS
Unit-3 Pediatric OPD/Immunization room	
<ul style="list-style-type: none"> ➤ Assessment of children- Health assessment, Developmental assessment, anthropometric assessment ➤ Immunization ➤ Health/Nutritional Education 	60HRS
Unit-4 Pediatric medicine and surgery ICU	
<ul style="list-style-type: none"> ➤ Care of baby in incubator/warmer ➤ Care of a child on ventilator ➤ Endotracheal suction ➤ Chest physiotherapy ➤ Administer fluids with infusion pump ➤ Total parenteral nutrition ➤ Phototherapy ➤ Monitoring of babies ➤ Cardio pulmonary resuscitation 	

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Test (MTE)	End Term Test (ETE)	Total Marks
50	NA	50	100

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