



INTEGRAL UNIVERSITY, LUCKNOW
INTEGRAL INSTITUTE OF ALLIED HEALTH SCIENCES & RESEARCH

DEPARTMENT OF NURSING

BACHELOR OF SCIENCE
NURSING
(B.Sc. N)
SYLLABUS

YEAR/ SEMESTER: I/I



Integral University, Lucknow

Effective from Session: 2022-2023							
Course Code	NR101	Title of the Course	Communicative English	L	T	P	C
Year	1	Semester	1st	1	1	0	2
Pre-Requisite		Co-requisite					
Course Objectives	The course is designed to enable students to enhance their ability to speak and write the language (and use English) required for effective communication in their professional work. Students will practice their skills in verbal and written English during clinical and classroom experience						

Course Outcomes	
CO1	Identify the significance of Communicative English for healthcare professionals.
CO2	Apply the concepts and principles of English Language use in professional development such as pronunciation, vocabulary, grammar, paraphrasing, voice modulation, spelling, pause and silence
CO3	Demonstrate attentive listening in different hypothetical situations.
CO4	Converse effectively, appropriately and timely within the given context as an individual or to the team they are communicating with either face to face or by other means.
CO5	Read, interpret and comprehend content in text, flow sheet, framework, figures, tables, reports, anecdotes etc

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																		
PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO4	PSO5	PSO6	PSO
	CO1	2	1	2	3	2	2	3	3	3	2	2	2	2	1	1	2	2
CO2	1	2	3	3	1	1	2	2	3	4	2	2	3	2	1	2	2	2
CO3	1	2	2	2	2	1	3	1	2	2	1	3	2	1	3	2	1	2
CO4	3	2	2	2	3	2	3	2	2	3	2	2	1	2	1	1	2	3
CO5	3	2	1	2	2	2	2	2	2	1	2	2	2	1	2	2	1	2

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

		Attributes & SDGs							SDGs No.
Course Code	Course Title	Attributes							
NR101	COMMUNICATIVE ENGLISH	Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	4,17
		√		√		√		√	



Integral University, Lucknow

Effective from Session: 2022-2023							
Course Code	NR102	Title of the Course	Applied Anatomy&Applied Physiology	L	T	P	C
Year	1	Semester	1st	2	1	0	3
Pre-Requisite		Co-requisite					
Course Objectives	The course is designed to assists students to acquire the knowledge of the normal structure of human body, identify alteration in anatomical structure and normal functions of the organ systems of the human body to facilitate understanding of physiological basis of health, identify alteration in functions and provide the student with the necessary physiological knowledge to practice nursing.						

Course Outcomes	
CO1	Explain the Introduction to anatomical terms and organization of the human body and musculoskeletal system.
CO2	Describe the Respiratory system, digestive system & circulatory & Lymphatic system, endocrine and renal system.
CO3	Describe the Renal system, the Reproductive system & Nervous system & General phy3iology basic concepts.
CO4	Describe the Respiratory System blood & the endocrine system & sensory organs & Reproductive system.
CO5	Describe the Musculo-skeletal system & digestive system & circulatory and lymphatic system.

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																		
PO - PS O	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O4	PS O5	PS O6	PS O7
	CO1	2	2	2	3	2	2	3	3	3	2	2	2	2	2	1	3	4
CO2	2	2	3	3	1	1	2	2	3	4	2	2	1	2	2	3	2	2
CO3	1	2	2	2	2	1	2	2	2	3	1	3	2	1	3	2	1	2
CO4	2	2	2	2	2	2	2	2	2	3	2	2	1	2	1	1	2	3
CO5	3	2	1	2	2	2	2	2	2	1	2	2	2	1	2	2	1	2

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Course Code	Course Title	Attributes							SDGs No.
		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
NR102	APPLIED ANATOMY & PHYSIOLOGY	√		√	√	√	√	√	3,4



Integral University, Lucknow

Effective from Session: 2022-2023							
Course Code	NR103	Title of the Course	Applied Sociology and Applied Psychology	L	T	P	C
Year	1	Semester	1st	4	1	0	5
Pre-Requisite		Co-requisite					
Course Objectives	The course is designed to assist students to acquire the knowledge about the course is designed to enable the students to develop understanding about basic concepts of sociology and psychology and its application in personal and community life, health, illness and nursing.						

Course Outcomes	
CO1	describe introduction, social structure & culture.
CO2	describe family and marriage, social stratification, social organization and disorganization & clinical sociology.
CO3	describe the introduction, biological basis of behaviour, mental health and mental hygiene, development of psychology, personality & cognitive process.
CO4	describe the development of psychology, personality & cognitive process.
CO5	describe the motivation and emotional processes psychological assessment and tests-introduction, application of soft skill & self – empowerment.

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																		
PO - PS O	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O4	PS O5	PS O6	PS O7
	CO																	
CO 1	2	2	2	3	2	2	3	3	3	2	2	2	1	1	1	3	2	4
CO 2	2	2	3	3	1	1	2	2	3	4	2	2	1	2	1	2	2	2
CO 3	1	2	2	2	2	1	2	2	2	3	1	3	2	1	3	2	1	2
CO 4	2	2	2	2	2	2	2	2	2	3	2	2	1	2	1	1	2	3
CO 5	3	2	1	2	2	2	2	2	2	1	2	2	2	1	2	2	1	2

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Course Code	Course Title	Attributes & SDGs							SDGs No.
		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
NR103	APPLIED SOCIOLOGY & APPLIED PSYCHOLOGY	√		√	√	√	√	√	3,4,5,7, 11



Integral University, Lucknow

Effective from Session: 2022-2023							
Course Code	NR104	Title of the Course	Nursing foundation – I	L	T	P	C
Year	1	Semester	1st	5	1	0	6
Pre-Requisite		Co-requisite					
Course Objectives	This course is designed to help novice nursing students develop knowledge and competencies required to provide evidence-based, comprehensive basic nursing care for adult patients, using nursing process approach						

Course Outcomes	
CO1	Develop understanding about the concept of health, illness and scope of nursing within health care services
CO2	Communication and nurse patient relationship, documentation and reporting & vital signs:
CO3	Health assessment, equipment and linen & introduction to infection control in clinical setting infection health assessment
CO4	Comfort, rest & sleep and pain, promoting safety in health care environment & hospital admission and discharge
CO5	Mobility and immobility Elements of dormant movement, alignment & posture, joint mobility, balance, coordinated movement Principles of body mechanics, Factors affecting body alignment and activity, Maintenance of normal body alignment and activity

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																		
PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO4	PSO5	PSO6	PSO7
	CO1	2	2	2	3	2	2	3	3	3	2	2	2	2	2	1	3	4
CO2	2	2	3	3	1	1	2	2	3	4	2	2	1	2	2	3	2	2
CO3	1	2	2	2	2	1	2	2	2	3	1	3	2	1	3	2	1	2
CO4	2	2	2	2	2	2	2	2	2	3	2	2	1	2	1	1	2	3
CO5	3	2	1	2	2	2	2	2	2	1	2	2	2	1	2	2	1	2

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation
Attributes & SDGs

Course Code	Course Title	Attributes						SDGs No.	
		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value		Professional Ethics
NR104	NURSING FOUNDATION I	√		√	√	√	√	√	3, 4, 5, 9, 10



Integral University, Lucknow

Effective from Session: 2022-23							
Course Code	NR105	Title of the Course	Nursing Foundation I Lab	L	T	P	C
Year	1	Semester	I	0	0	2	1
Pre-Requisite		Co-requisite					
Course Objectives	On completing of the course, the students will be able to, Demonstrate skills in caring for patients with restricted mobility, Plan and provide appropriate health teaching following the principles.						

Course Outcomes	
CO1	Maintain effective human relations (projecting professional image)
CO2	Communicate effectively with patient, families and team members
CO3	Demonstrate skills in techniques of recording and reporting
CO4	Demonstrate skills in monitoring vital sign

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																
PO-PSO																
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO																
CO1	1	1	2	3	3	2	3	2	2	3	2	2	2	3	3	2
CO2	2	3	2	3	3	2	2	2	3	3	2	2	3	2	3	2
CO3	3	3	2	3	3	3	3	2	3	3	3	2	2	2	3	2
CO4	2	2	3	2	2	3	2	2	2	2	2	1	3	3	2	2

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

		Attributes & SDGs							SDGs No.
Course Code	Course Title	Attributes							
NR 105	NURSING FOUNDATION I LAB	Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	3,4
		√		√	√	√	√	√	



Integral University, Lucknow

Effective from Session: 2022-23							
Course Code	NR106	Title of the Course	Clinical Posting	L	T	P	C
Year	1st	Semester	I	0	0	0	0
Pre-Requisite		Co-requisite					
Course Objectives	On completing of the course, the students will be able to, Demonstrate skills in caring for patients with restricted mobility, Plan and provide appropriate health teaching following the principles.						

Course Outcomes	
CO1	Maintaining communication with patient and family and interpersonal relationship
CO2	Vital Signs
CO3	Comfort, Rest & Sleep, Pain And Promoting Safety In Health Care Environment
CO4	Hospital Admission And Discharge, Mobility And Immobility And Patient Education

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																
PO-PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	1	1	2	3	3	2	3	2	2	3	2	2	2	3	3	2
CO2	2	3	2	3	3	2	2	2	3	3	2	2	3	2	3	2
CO3	3	3	2	3	3	3	3	2	3	3	3	2	2	2	3	2
CO4	2	2	3	2	2	3	2	2	2	2	2	1	3	3	2	2

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Attributes & SDGs

Course Code	Course Title	Attributes							SDGs No.
		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
NR106	CLINICAL POSTING	√	√	√	√	√	√	√	3,4,8,9,17



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**BACHELOR OF SCIENCE
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SYLLABUS**

YEAR/ SEMESTER: I/II



Integral University, Lucknow

Effective from Session: 2022-2023							
Course Code	NR107	Title of the Course	Applied biochemistry and applied nutrition & dietetics	L	T	P	C
Year	1	Semester	II Sem	4	1	0	5
Pre-Requisite	NIL	Co-requisite	NIL				
Course Objectives	The course is designed to assist the students to acquire knowledge of the normal biochemical composition and functioning of human body, its alterations in disease conditions and acquire basic knowledge and understanding of the principles of Nutrition and Dietetics and apply this knowledge in the practice of nursing.						

Course Outcomes	
CO1	Describe the metabolism of carbohydrates and its alterations & the metabolism of lipids and its alterations& metabolism of proteins and amino acids and its alterations.
CO2	Explain clinical enzymology in various disease conditions & acid base balance, imbalance and its clinical significance & Describe the metabolism of hemoglobin and its clinical significance& different function tests and interpret the finding & Illustrate the immunochemistry.
CO3	Describes the importance of nutrition in health and wellness & Apply nutrient and dietary modifications in caring patients & Explain the principles and practices of Nutrition and Dietetics .
CO4	Identify nutritional needs of different age groups and plan a balanced diet for them & Identify the dietary principles for different diseases.
CO5	Describes the Plan of therapeutic diet for patients suffering from various disease conditions & Prepare meals using different methods and cookery rules.

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																			
PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO4	PSO5	PSO6	PSO7	
	CO1	2	2	2	3	2	2	3	3	3	3	2	2	2	3	1	3	4	5
CO2	2	2	3	2	1	2	2	1	3	4	2	2	1	2	1	3	2	2	
CO3	1	4	2	2	2	1	2	2	2	3	1	3	1	1	3	2	1	2	
CO4	2	2	2	2	2	2	2	2	2	3	2	2	1	2	1	1	2	1	
CO5	3	2	1	2	2	2	2	2	2	1	2	2	2	1	2	2	1	2	

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation
Attributes & SDGs

Course Code	Course Title	Attributes							SDGs No.
		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
NR107	APPLIED BIOCHEMISTRY & APPLIED NUTRITION & DIETICS	√		√	√		√	√	3,4



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SYLLABUS**

YEAR/ SEMESTER: II/III



Integral University, Lucknow

Effective from Session: 2022-2023							
Course Code	NR201	Title of the Course	Applied Microbiology and Infection Control including safety	L	T	P	C
Year	2	Semester	III	1	1	2	4
Pre-Requisite		Co-requisite					
Course Objectives	<p>This course is designed to enable students to acquire understanding of fundamentals of Microbiology, compare and contrast different microbes and comprehend the means of transmission and control of spread by various microorganisms. It also provides opportunities for practicing infection control measures in hospital and community settings.</p>						

Course Outcomes	
CO1	Students would able to explain the history of modern microbiology and Importance & relevance to nursing, Historical ,Concepts and terminology and Principles of microbiology
CO2	Students would able to describe Describes pathogenic micro-organism and types of immunity.
CO3	Students would able to Explain Hospital acquired infection , isolation precautions and use of personal protective equipment
CO4	Students would able Demonstrate skill about bio medical Waste management process and infection prevention
CO5	Students would able to Explain incidents and adverse events, international patient safety goals, safety protocols, employee safety indicators and health care workers immunization programme and management of occupational exposure.

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																			
PO - PS O	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3	PSO 4	PSO5	PSO6	PSO7
	CO																		
CO 1	1	2	3	3	3	2	3	3	1	3	2	1							
CO 2	3	1	3	2	2	1	2	3	3	2	1	3							
CO 3	3	2	2	2	3	3	3	2	3	3	2	2							
CO 4	3	1	3	2	2	2	2	2	2	3	2	2							
CO 5	3	2	2	3	2	2	2	1	2	3	2	2							
													1	1	1	1	1	2	1

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Attributes & SDGs

Course Code	Course Title	Attributes							SDGs No.
		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
NR201	APPLIED MICROBIOLOGY & INFECTION CONTROL INCLUDING SAFETY	√		√		√		√	3,4



Integral University, Lucknow

Effective from Session: 2022-2023							
Course Code	NR202	Title of the Course	Pharmacology-I & Pathology-I	L	T	P	C
Year	2	Semester	III	1	1	0	2
Pre-Requisite		Co-requisite					
Course Objectives	<p>This course is designed to enable the students to acquire knowledge of Pharmacodynamics, Pharmacokinetics and Principles of Therapeutics and Nursing implications, pathology of various disease conditions and its role in causation and management of defects and diseases and apply this knowledge in practice of nursing.</p>						

Course Outcomes	
CO1	<p>Students would able to describe pharmacology, nature & sources of drugs ,dosage forms and routes of drug administration ,Terminology used ,Classification, abbreviations, prescription, drug calculation, weights and measures ,Pharmacodynamic, ,Pharmacokinetics ,Review-principles of drug Administration ,Factors affecting dose, route etc , Indian Pharmacopoeia, Rational Use of Drugs ,Principles of Therapeutics, Antiseptics and disinfectants, Haematinics & treatment of anemia and antiadrenergics , Cholinergic and anti-cholinergic ,Adrenergic drugs for CHF & vasodilators ,Antianginals, Antiarrhythmics, Antihypertensives, Coagulants & anticoagulants ,Antiplatelets & thrombolytics, Hypolipidemics ,Plasma expanders & treatment of shock, diarrhoeals and the nurse's responsibilities.</p>
CO2	<p>Students would able to describe the Pharmacology of commonly used Antiasthmatics ,Bronchodilators,Decongestants,Expectorants, Antitussives and Mucolytics ,Broncho-constrictors and antihistamines ,Insulin & oral hypoglycemic,Thyroid and anti thyroid drugs ,Steroids,Calcitonin, parathormone,vit. D3, calcium metabolism and nurse's responsibilities.</p>
CO3	<p>Students would able to describe Antihistaminics and antipruritics ,Topical application for skin – Benzylbenzoate, Gamma BHC, Clotrimazole, Miconazole, Silver Sulphadiazine (burns),Penicillin, Cephalosporin's, Aminoglycosides, Macrolide & broad spectrum antibiotics, Sulfonamides, Quinolones, Misc. Antimicrobials ,Anaerobic infections,Antitubercular drugs,Anti leprosy drugs,Antimalarials ,Antiretroviral drugs ,Antiviral agents ,Antihelminthics, Anti scabies agents ,Antifungal agents & nurse's responsibilities.</p>
CO4	<p>Students would able to explain Importance of the study of pathology,Definition of terms in pathology,Cell injuryCellular adaptations, Inflammation,Wound healing ,Neoplasia,Circulatory disturbances,Disturbance of body fluids & electrolytes edema, transudates & exudates.</p>
CO5	<p>Students would able to understand Pathological changes the disease conditions of selected systems -Respiratory system, Cardio-vascular system, Gastrointestinal tract ,Liver, gall bladder & pancreas,Skeletal system, Endocrine system,Hematological tests for the diagnosis of blood disorders.</p>

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																			
P O- PS O	PO1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO1 1	PO 12	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO6	PSO 7
	C O																		
C O1	2	3	3	3	3	3	2	3	3	2	2	3	1	2	3	4	4	5	7
C O2	3	3	3	3	2	3	2	3	3	3	3	2	2	1	4	3	3	4	6
C O3	2	3	2	3	3	3	2	2	3	2	2	3	1	3	1	2	2	3	5
C O4	3	3	3	2	2	2	1	3	2	3	2	2	2	4	2	1	4	2	3
C O5	3	3	3	3	3	3	2	3	2	3	3	2	3	1	1	2	1	1	2



Integral University, Lucknow

Effective from Session: 2022-23							
Course Code	NR204	Title of the Course	Adult Health Nursing -1 Lab	L	T	P	C
Year	2	Semester	III	0	0	2	2
Pre-Requisite		Co-requisite					
Course Objectives	On completion of the clinical practicum, the students will be able to apply nursing process and critical thinking in delivering holistic nursing care including rehabilitation to the adult patients undergoing surgery, with shock and fluid and electrolyte imbalance and with selected medical & surgical conditions i.e., Gastrointestinal, Respiratory, Endocrine, Orthopedic, Dermatology and Cardiovascular disorders						

Course Outcomes	
CO1	Students would able to understand the trends in medical & surgical nursing, Role of nurse in caring for adult patient in hospital and community, Concept of medical surgical asepsis, Operation Theatre Nursing, management of common sign and symptoms.
CO2	Students would able to analyze common respiratory problems, management and Nursing management of patients (adults including elderly) with digestive system disorders.
CO3	Students would explore and describe the cardiac and vascular conditions and its nursing management, demonstrate nursing procedures, nursing management of patients with blood disorders.
CO4	Students would able to describe the nursing management of patient with endocrine disorders, integumentary system disorders, musculoskeletal problems.
CO5	Students would able to enhance the nursing management of patient with communicable diseases.

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																
PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
	CO1	3	2	2	3	3	2	3	3	3	2	2	3	1	2	3
CO2	3	2	3	2	2	3	2	3	3	2	3	2	2	1	1	3
CO3	3	2	2	2	3	3	3	2	3	2	2	1	1	3	2	4
CO4	3	2	3	3	2	2	2	2	3	2	3	1	2	2	1	1

-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation
Attributes & SDGs

Course Code	Course Title	Attributes							SDGs No.
		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
NR204	ADULT HEALTH NURSING-II	√		√	√		√	√	3,4



Integral University, Lucknow

Effective from Session: 2022-2023							
Course Code	NR205	Title of the Course	Clinical Posting	L	T	P	C
Year	2	Semester	III	0	0	0	0
Pre-Requisite		Co-requisite					
Course Objectives	The course is designed to assists students to acquire the knowledge and develop proficiency in caring for patients with medical surgical disorders invarieties of health care settings and at home.						

Course Outcomes	
CO1	Students would able to understand the trends in medical & surgical nursing, Role of nurse in caring for adult patient in hospital and community, Concept of medical surgical asepsis, Operation Theatre Nursing, management of common sign and symptoms
CO2	Students would able to analyze common respiratory problems, management and Nursing management of patients (adults includingelderly) with digestive system disorders
CO3	Students would explore and describe the cardiac and vascular conditions and its nursing management, demonstrate nursing procedures, nursing management of patients with blood disorders.
CO4	Students would able to describe the nursing management of patient with endocrine disorders, integumentary system disorders, musculoskeletal problems.

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																			
PO-PSO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO1 0	PO1 1	PO1 2	PSO 1	PSO 2	PSO 3	PSO 4			
	CO																		
CO 1	3	2	2	3	3	2	3	3	3	2	2	3	1	2	3	4	5	4	7
CO 2	3	2	3	2	2	3	2	3	3	2	3	2	2	1	1	3	4	3	6
CO 3	3	2	2	2	3	3	3	2	3	2	2	1	1	3	2	4	3	2	5
CO 4	3	2	3	3	2	2	2	2	3	2	3	1	2	2	1	1	2	1	4
	3	2	2	3	2	2	2	1	3	2	2	2	1	1	2	2	1	2	3

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Course Code	Course Title	Attributes & SDGs							SDGs No.
		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
NR205	CLINICAL POSTING	√		√	√	√	√	√	3,4,17



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SYLLABUS**

YEAR/ SEMESTER: II/IV



Integral University, Lucknow

Effective from Session: 2022-2023							
Course Code	NR206	Title of the Course	Pharmacology and Pathology & Genetics	L	T	P	C
Year	2	Semester	IV	3	1	0	4
Pre-Requisite		Co-requisite					
Course Objectives	This course is designed to enable the students to acquire knowledge of Pharmacodynamics, Pharmacokinetics and Principles of Therapeutics and Nursing implications, pathology of various disease conditions and its role in causation and management of defects and diseases and apply this knowledge in practice of nursing.						

Course Outcomes	
CO1	Students would able to describe Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse of Antihistaminics, Topical applications for eye (Chloromphenicol), Gentamycin eye drops), ear (Soda Glycerine, Boric Spirit ear drop), Nose and Buccal cavity – chlorhexidine mouth wash, Renin angiotensin system, Diuretics and antidiuretics ,Drugs toxic to kidney ,Urinary antiseptic ,Treatment of UTI – acidifiers and alkalizers ,Analgesics and anaesthetics, Hypnotics and sedatives ,Skeletal muscle relaxants ,Anti psychotics ,Antidepressants Antianxiety drugs, Anticonvulsants ,neurodegenerative disorders & miscellaneous drugs ,Stimulants, ethyl alcohol and treatment of methyl alcohol poisoning.
CO2	Students would able to describe Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse of Estrogens and progesterones, Vaginal contraceptives, Drugs for infertility and medical termination of pregnancy, Tetanus prophylaxis, Iron and Vitamin K supplementation ,Oxytocin, Misoprostol ,Ergometrine ,Methyl prostaglandin F2-alpha ,Magnesium sulphate ,Calcium gluconate, Drugs used for deaddiction, CPR and emergency-adrenaline, Chlorpheniramine, hydrocortisone, Dexamethasone, IV fluids & electrolytes replacement ,Common poisons, drugs used for treatment of poisoning, Vitamins and minerals supplementation, Vaccines & sera (Universal immunization programme schedules), Anticancer drugs – Chemotherapeutic drugs commonly used ,Immuno-suppressants and immunostimulants.
CO3	Students would able to describe Ayurveda, Homeopathy, Unani and Siddha etc. Drugs used for common ailments, Prescriptive role of nurse practitioners: introduction, Legal & ethical issues related to prescribing ,Steps of prescribing, Prescribing competencies..
CO4	Students would able to explain Pathological changes in kidney & urinary tract, male genital system, female genital system, breast, central nervous system.
CO5	Describe the introduction, maternal, prenatal & genetic influence on development of defect & diseases, genetic testing in the neonates & children, genetics condition of adolescents & adults, services related to genetic.

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																			
PO-PSO																			
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	2	3	3	3	3	3	2	3	3	2	2	3	1	2	3	4	5	6	7
CO2	3	3	3	3	3	3	2	3	3	3	3	2	2	1	2	1	3	5	5
CO3	2	3	2	3	2	3	2	3	3	2	3	3	1	3	1	2	2	7	4
CO4	3	3	3	2	3	3	1	2	2	3	2	2	2	2	2	3	1	4	3
CO5	3	3	3	3	3	2	2	3	2	3	2	2	2	2	1	1	4	3	2

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Course Code	Course Title	Attributes							SDGs No.
		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
NR206	PHARMACOLOGY & PATHOLOGY & GENETICS	√	√	√	√	√	√	√	3,4,9,13,17



Integral University, Lucknow

Effective from Session: 2022-2023							
Course Code	NR209	Title of the Course	ADULT HEALTH NURSING-II LAB	L	T	P	C
Year	2	Semester	IV	0	0	2	1
Pre-Requisite		Co-requisite					
Course Objectives	The course is designed to assists students to acquire the knowledge and develop proficiency in caring for patients with medical surgical disorders invarieties of health care settings and at home.						

Course Outcomes	
CO1	Students would able to understand the disorders of ear, nose, throat and nursing management of patient with disorders of ear, nose, throat, eyeand kidney and urinary problems.
CO2	Students would able to analyze disorders of male reproductive system and its nursing management, Nursing management of patient with burns ,reconstructive and cosmetic surgery and neurological disorders.
CO3	Students would explore and describe the immunological problems and its nursing management and nursing management of patient with oncological conditions.
CO4	Students would able to describe the nursing management of patient in emergency and disaster situation.
CO5	Students would able to enhance the nursing care of the elderly, nursing management of patients in critical care units, occupational and industrial disorders.

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																
PO-PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	3	3	3	3	2	3	3	3	3	2	3	2	1	2	3	4
CO2	3	2	3	2	2	3	2	3	3	2	3	2	2	1	2	3
CO3	3	3	2	2	3	3	3	2	3	2	2	1	1	2	1	5
CO4	3	2	3	3	2	2	2	2	3	2	3	1	1	1	2	3
	3	2	2	3	2	2	2	1	3	2	2	2	2	1	1	2

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Attributes & SDGs

Course Code	Course Title	Attributes							SDGs No.
NR209	ADULT HEALYH NURSING - II LAB	Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	3,4
		√		√	√		√	√	



INTEGRAL UNIVERSITY, LUCKNOW
INTEGRAL INSTITUTE OF ALLIED HEALTH SCIENCES & RESEARCH

DEPARTMENT OF NURSING

**BACHELOR OF SCIENCE
NURSING
(B.Sc. N)
SYLLABUS**

YEAR/ SEMESTER: III/V



Integral University, Lucknow

Effective from Session: 2022-23							
Course Code	NR301	Title of the Course	CHILD HEALTH NURSING-I	L	T	P	C
Year	3	Semester	V	2	1	0	3
Pre-Requisite		Co-requisite					
Course Objectives	This course is designed for developing an understanding of the modern approach to child-care, identification, prevention and nursing management of common health problems of neonates and children						

Course Outcomes	
CO1	1. Develop understanding of the history and modern concepts of child health and child care
CO2	2. Explore the national child welfare services, national programmes and legislation in the light of National Health Policy 2017
CO3	3. Describe the role of preventive pediatrics and perform preventive measures towards accidents
CO4	4. Identify the developmental needs of children and provide parental guidance
CO5	5. Participate in National Immunization Programmes / Universal Immunization Programme (UIP)

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																		
PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO4	PSO5	PSO6	PSO7
	CO1	2	2	3	2	2	3	3	3	2	2	2	3	2	3	3	2	2
CO2	2	3	3	1	1	2	2	3	4	2	2	2	1	2	2	1	1	1
CO3	2	2	2	2	1	2	2	2	3	1	3	2	3	1	1	4	3	2
CO4	2	2	2	2	2	2	2	2	3	2	2	1	2	1	2	3	1	2
CO5	2	1	2	2	2	2	2	2	1	2	2	2	4	2	2	2	2	1

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation
Attributes & SDGs

Course Code	Course Title	Attributes							SDGs No.
		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
NR301	CHILD HEALTH NURSING-I	√		√	√	√	√	√	3,4



Integral University, Lucknow

Effective from Session: 2022-2023							
Course Code	NR302	Title of the Course	MENTAL HEALTH NURSING-I	L	T	P	C
Year	3	Semester	V	2	1	0	3
Pre-Requisite		Co-requisite					
Course Objectives	This course is designed to develop basic understanding of the principles and standards of mental health nursing and skill in application of nursing process in assessment and care of patients with mental health disorders						

Course Outcomes	
CO1	Trace the historical development of mental health nursing and discuss its scope
CO2	Identify the classification of the mental disorders
CO3	Develop basic understanding of the principles and concepts of mental health nursing
CO4	Apply the INC practice standards for psychiatric mental health nursing in supervised clinical settings
CO5	Conduct mental health assessment

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																		
PO-PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO4	PSO5	PSO6	PSO7
CO1	2	2	2	3	2	2	3	2	3	2	2	2	3	2	3	2	2	1
CO2	2	3	3	3	1	1	2	2	3	4	2	2	2	2	3	1	3	3
CO3	1	3	1	2	2	1	2	2	2	3	1	3	2	2	1	2	1	2
CO4	2	2	3	2	2	2	2	2	2	3	2	2	2	3	3	3	1	3
CO5	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Course Code	Course Title	Attributes & SDGs							SDGs No.
		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
NR302	MENTAL HEALTH NURSING-I	√		√	√	√	√	√	3,4,7



Integral University, Lucknow

Effective from Session:2022-23											
Course Code	NR303	Title of the Course	Community health nursing-I	L	4	T	1	P	0	C	5
Year	3	Semester	V								
Pre-Requisite		Co-requisite									
Course Objectives	<p>the course is designed to help students develop broad perspectives of health, its determinants, about community health nursing and understanding about the health care delivery services, health care policies and regulations in India. It helps the students to develop knowledge and understanding of environment, environmental health and sanitation, nutrition and food safety. it further helps them to apply the principles and concepts of bcc and health education for health promotion and maintenance of health within the community in wellness and illness continuum to help students to practice community health nursing for the individuals, family and groups at rural, urban and tribal settings by applying principles of community health nursing and epidemiological approach. it also helps the students to develop knowledge and competencies required to screen, assess, diagnose, manage and refer clients appropriately in various health care setting. it prepares the students to provide primary healthcare to clients of all ages in the community, dh, phc, chc, sc/hwc and develop beginning skills in participating in all the national health programme.</p>										

Course Outcomes	
CO1	describe the concept of community health and community health nursing, health care planning and organization of health care at various levels
CO2	explain environmental science, environmental health and sanitation & nutrition assessment and nutrition education
CO3	describes the communication management and health education, community health nursing approaches, concepts, roles and responsibilities of community health nursing personnel & assisting individuals and families to promote and maintain their health
CO4	identify introduction epidemiology – epidemiological approaches and processes, communicable diseases and national health programmes
CO5	describes non-communicable diseases and national health programmes (ncd) & school health services

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																		
PO-PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO4	PSO5	PSO6	PSO7
CO1	2	2	2	3	2	2	3	2	3	2	2	2	2	2	3	3	2	2
CO2	2	3	3	3	3	1	2	2	3	4	2	2	3	2	2	3	3	2
CO3	1	3	3	2	2	1	2	2	2	3	1	3	2	2	2	2	3	2
CO4	2	2	3	2	2	2	2	2	2	3	2	2	2	3	3	2	3	3
CO5	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Attributes & SDGs

Course Code	Course Title	Attributes							SDGs No.
		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
NR303	COMMUNITY HEALTH NURSING-I	√		√	√	√	√	√	3,4,5,6, 11,17



Integral University, Lucknow

Effective from Session:2022-23							
Course Code	NR304	Title of the Course	Educational Technology / Nursing Education	L	T	P	C
Year	3	Semester	V	1	1	0	2
Pre-Requisite		Co-requisite					
Course Objectives	This course is designed to help the students to develop knowledge, attitude and beginning competencies essential for applying basic principles of teaching and learning among individuals and groups both in educational and clinical settings. It also introduces basics of curriculum planning and organization. It further enables students to participate actively in team and collaborative learning						

Course Outcomes	
CO1	Describe the Education and Educational Technology.
CO2	Explain Essential qualities of a teacher, Assessment of learner, Basic principles of writing course plan, unit plan and lesson.
CO3	Describes the Teaching in classroom and skill lab, Teaching methods, Features, advantages and disadvantage
CO4	Introduce teaching in classroom and skill lab, Teaching methods, Features, advantages and disadvantages.
CO5	Describes assessment / evaluation methods / strategies, guidance / academic advising, counseling and discipline & ethics and evidence based teaching (ebt) in nursing education

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																		
PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO4	PSO5	PSO6	PSO7
	CO1	2	2	2	3	2	2	3	2	3	2	2	2	3	2	3	2	2
CO2	2	3	3	3	3	1	2	2	3	4	2	2	2	3	3	3	3	3
CO3	1	3	3	2	2	1	2	2	2	3	1	3	2	2	1	2	1	2
CO4	2	2	3	2	2	2	2	2	2	3	2	2	2	3	3	3	3	3
CO5	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	3

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation
Attributes & SDGs

Course Code	Course Title	Attributes							SDGs No.
		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
NR304	EDUCATIONAL TECHNOLOGY / NURSING EDUCATION	√		√	√	√	√	√	3, 4, 9,



Integral University, Lucknow

Effective from Session:2022-23							
Course Code	NR305	Title of the Course	INTRODUCTION TO FORENSIC NURSING AND INDIAN LAWS	L	T	P	C
Year	3	Semester	V	1	0	0	1
Pre-Requisite		Co-requisite					
Course Objectives	This course is designed to help students to know the importance of forensic science in total patient care and to recognize forensic nursing as a specialty discipline in professional nursing practice.						

Course Outcomes	
CO1	Identify forensic nursing as an emerging specialty in healthcare and nursing practice
CO2	Explore the history and scope of forensic nursing practice
CO3	Identify forensic team, role and responsibilities of forensic nurse in total care of victim of violence and in preservation of evidence
CO4	Identify the Indian constitution of fundamental rights & human commission rights.
CO5	Develop basic understanding of the Indian judicial system and legal procedure

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																		
PO- PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO4	PSO5	PSO6	PSO7
	CO1	1	2	2	3	2	2	3	2	3	2	2	2	3	2	2	1	3
CO2	2	2	2	3	2	1	2	2	3	4	2	2	2	2	2	1	1	2
CO3	1	3	2	2	2	1	2	2	2	3	1	3	2	1	3	2	2	2
CO4	2	2	1	2	2	2	2	2	2	3	2	2	2	2	1	2	3	3
CO5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation
Attributes & SDGs

Course Code	Course Title	Attributes							SDGs No.
		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
NR305	INTRODUCTION TO FORENSIC NURSING AND INDIAN LAWS	√		√	√	√	√	√	4,9,10,16,17



Integral University, Lucknow

Effective from Session: 2017-18							
Course Code	306	Title of the Course	CHILD HEALTH NURSING LAB I	L	T	P	C
Year	3	Semester	V	0	0	2	1
Pre-Requisite		Co-requisite					
Course Objectives	<p>On completion of the course, the students will be able to:</p> <p>Perform assessment of children: health, developmental & anthropometric Provide nursing care to children with various medical disorders Provide pre & post operative care to children with common pediatric surgical conditions / malformation Perform immunization as per NIS Provide nursing care to critically ill children Give health education / nutritional education to parents Counsel parents according to identified counseling needs</p>						

Course Outcomes	
CO1	Provide nursing care to critically ill children
CO2	Give health education / nutritional education to parents
CO3	Counsel parents according to identified counseling needs
CO4	Perform immunization as per NIS

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																
PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
	CO1	2	2	2	3	2	2	3	2	3	2	2	2	3	2	3
CO2	2	3	3	3	1	1	2	2	3	4	2	2	2	2	3	1
CO3	1	3	1	2	2	1	2	2	2	3	1	3	2	2	1	2
CO4	2	2	3	2	2	2	2	2	2	3	2	2	2	3	3	3

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Attributes & SDGs

Course Code	Course Title	Attributes							SDGs No.
		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
NR306	CHILD HEALTH NURSING LAB I	√		√		√	√	√	3,4



Integral University, Lucknow

Effective from Session: 2022-23							
Course Code	_NR307	Title of the Course	Mental Health Nursing -1 Lab	L	T	P	C
Year	3	Semester	V	0	0	2	1
Pre-Requisite		Co-requisite					
Course Objectives	Trace the historical development of mental health nursing and discuss its scope, Identify the classification of the mental disorders Develop basic understanding of the principles and concepts of mental health nursing Apply the INC practice standards for psychiatric mental health nursing in supervised clinical settings Conduct mental health assessment ,Identify and maintain therapeutic communication and nurse patient relationship Demonstrate knowledge of the various treatment modalities and therapies used in mental disorders						

Course Outcomes	
CO1	Perspectives of mental health and mental health nursing, evolution of mental health services, treatments and nursing practices
CO2	Role & function of mental health nurse in various settings and factors affecting the level of nursing practice
CO3	Concepts of normal and abnormal behavior
CO4	Mental health team

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																
PO-PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	2	2	3	2	2	3	2	3	2	2	2	3	2	3	4
CO2	2	3	3	3	3	1	2	2	3	4	2	2	2	1	5	3
CO3	1	3	3	2	2	1	2	2	2	3	1	3	2	1	3	2
CO4	2	2	3	2	2	2	2	2	2	3	2	2	2	1	2	3
	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	1

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Attributes & SDGs

Course Code	Course Title	Attributes						SDGs No.
NR307	MENTAL HEALTH NURSING -1 LAB	Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics
		√		√		√	√	√
3,4								



Integral University, Lucknow

Effective from Session: 2022-23							
Course Code	NR308	Title of the Course	Community Health Nursing-1 Lab	L	T	P	C
Year	3	Semester	V	0	0	4	2
Pre-Requisite		Co-requisite					
Course Objectives	Interviewing skills using communication and Interpersonal relationship. Conducting community needs, assessment / survey to identify health determinants of a community. Observation skills Nutritional assessment skills Health promotion, Health assessment including nutritional assessment for clients of different age groups, Documentation skills Investigation and epidemic community health survey Screening, diagnosing primary management of common health problems in the community and referral of high risk cases						

Course Outcomes	
CO1	Skill in teaching individual / family on Nutrition, including food hygiene and safety
CO2	Conduct home visit
CO3	Participation in implementation of national health programs
CO4	Participating in school health program

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																
PO-PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	2	2	3	2	2	3	2	3	2	2	2	3	2	3	4
CO2	2	3	3	3	3	1	2	2	3	4	2	2	2	1	5	3
CO3	1	3	3	2	2	1	2	2	2	3	1	3	2	1	3	2
CO4	2	2	3	2	2	2	2	2	2	3	2	2	2	1	2	3
	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	1

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Attributes & SDGs

Course Code	Course Title	Attributes							SDGs No.
		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
NR308	COMMUNITY HEALTH NURSING-1 LAB	√		√	√	√	√	√	3,4



Integral University, Lucknow

Effective from Session: 2022-23							
Course Code	NR309	Title of the Course	Clinical posting	L	T	P	C
Year	3	Semester	V	0	0	0	0
Pre-Requisite		Co-requisite					
Course Objectives	On completion of the course, the students will be able to: Perform assessment of children: health, developmental & anthropometric Provide nursing care to children with various medical disorders Provide pre & post operative care to children with common pediatric surgical conditions / malformation						

Course Outcomes	
CO1	Skill in teaching individual / family on Nutrition, including food hygiene and safety
CO2	Philosophy & modern concept of child-care
CO3	Concepts of normal and abnormal behavior
CO4	Neurological examination

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																
PO-PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	2	2	3	2	2	3	2	3	2	2	2	3	2	3	4
CO2	2	3	3	3	3	1	2	2	3	4	2	2	2	1	5	3
CO3	2	2	3	2	2	2	2	2	2	3	2	2	2	1	2	3
CO4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	1

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation
Attributes & SDGs

Course Code	Course Title	Attributes							SDGs No.
		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
NR309	CLINICAL POSTING	√		√	√	√	√	√	3,4,17



INTEGRAL UNIVERSITY, LUCKNOW

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DEPARTMENT OF NURSING

BACHELOR OF SCIENCE

NURSING

(B.Sc. N)

SYLLABUS

YEAR/ SEMESTER: III/VI



Integral University, Lucknow

Effective from Session: 2022-23							
Course Code	NR310	Title of the Course	CHILD HEALTH NURSING-II	L	T	P	C
Year	3	Semester	VI	2	1	0	3
Pre-Requisite		Co-requisite					
Course Objectives	This course is designed for developing an understanding of the modern approach to child care, identification, prevention and nursing management of common health problems of neonates and children						

Course Outcomes	
CO1	Apply the knowledge of Pathophysiology and provide nursing care to children with orthopedic disorders, eye, ear and skin disorders and communicable diseases
CO2	Provide care to children with common behavioral, social and psychiatric problems
CO3	Manage challenged children
CO4	Identify the social and welfare services for challenged children
CO5	Identification and nursing management

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																		
PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO4	PSO5	PSO6	PSO7
	CO1	2	2	2	3	2	2	3	2	3	2	2	2	3	2	3	2	2
CO2	2	3	3	3	3	1	2	2	3	4	2	2	2	3	3	3	3	3
CO3	1	3	3	2	2	1	2	2	2	3	1	3	2	2	1	2	1	2
CO4	2	2	3	2	2	2	2	2	2	3	2	2	2	3	3	3	3	3
CO5	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Attributes & SDGs

Course Code	Course Title	Attributes							SDGs No.
		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
NR310	CHN II	√		√		√	√	√	3,4



Integral University, Lucknow

Effective from Session:							
Course Code	<u>NR311</u>	Title of the Course	<u>MENTAL HEALTH NURSING-II</u>	L	T	P	C
Year	3RD	Semester	VI	1	1	0	2
Pre-Requisite		Co-requisite					
Course Objectives	This course is designed to provide the students with basic understanding and skills essential to meet psychiatric emergencies and perform the role of community mental health nurse						

Course Outcomes	
CO1	1. Apply nursing process in providing care to patients with organic brain disorders
CO2	2. Identify and respond to psychiatric emergencies
CO3	3. Carry out crisis interventions during emergencies under supervision
CO4	4. Perform admission and discharge procedures as per MHCA 2017
CO5	5. Explore the roles and responsibilities of community mental health nurse in delivering community mental health services

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																			
PO-PSO																			
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO4	PSO5	PSO6	PSO7	
CO1	2	2	3	3	2	2	3	2	3	2	2	2	3	2	3	2	2	1	
CO2	2	2	2	3	3	1	3	2	3	3	2	2	2	1	3	3	3	3	
CO3	1	3	2	2	2	1	1	2	2	3	1	3	2	2	1	1	1	2	
CO4	2	2	1	2	2	2	2	2	2	2	2	2	2	3	3	2	3	2	
CO5	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Attributes & SDGs

Course Code	Course Title	Attributes							SDGs No.
		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
NR311	MHN II	√		√	√	√	√	√	3,4,7



Integral University, Lucknow

Effective from Session: 2022-23							
Course Code	NR313	Title of the Course	MIDWIFERY / OBSTETRIC AND GYNECOLOGY NURSING-II	L	T	P	C
Year	3	Semester	VI	2	1	0	0
Pre-Requisite		Co-requisite					
Course Objectives	This course is designed for students to develop knowledge and competencies on the concepts and principles of midwifery. It helps them to acquire knowledge and skills in rendering respectful maternity care to woman during antenatal, natal and postnatal periods in hospitals and community settings. It further helps to develop skills in managing normal neonates and participate in family welfare programme						

Course Outcomes	
CO1	1. Demonstrate professional accountability for the delivery of nursing care as per INC standards / ICM competencies that are consistent with moral, altruistic, legal, ethical, regulatory and humanistic principles in midwifery practice
CO2	2. Communicate effectively with individuals, families and professional colleagues fostering mutual respect and shared decision making to enhance health outcomes
CO3	3. Recognize the trends and issues in midwifery / obstetrical nursing
CO4	4. Review and describe the anatomy and physiology of human reproductive system and conception
CO5	5. Describe and apply the physiology in the management of normal pregnancy, birth and puerperium

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																		
PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO4	PSO5	PSO6	PSO7
	CO1	2	2	2	3	2	2	3	3	3	2	2	2	2	2	1	3	4
CO2	2	2	3	3	1	1	2	2	3	4	2	2	1	2	2	3	2	2
CO3	1	2	2	2	2	1	2	2	2	3	1	3	2	1	3	2	1	2
CO4	2	2	2	2	2	2	2	2	2	3	2	2	1	2	1	1	2	3
CO5	3	2	1	2	2	2	2	2	2	1	2	2	2	1	2	2	1	2

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Attributes & SDGs

Course Code	Course Title	Attributes							SDGs No.
		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
NR313	OBG -II	√		√	√	√	√	√	3,4



Integral University, Lucknow

Effective from Session: 2022-23							
Course Code	<u>LAB NR315</u>	Title of the Course	MHN II Lab	L	T	P	C
Year	III Rd Year	Semester	VI Semester	0	0	2	1
Pre-Requisite		Co-requisite					
Course Objectives	<p>On completion of the course, the students will be able to:</p> <ol style="list-style-type: none"> 1. Asses patients with mental health problems / disorders 2. Observe and assist in various treatment modalities or therapies 3. Counsel and educate patients and families 4. Perform individual and group psycho-education 5. Provide nursing care to patients with mental health problems / disorders 6. Motivate patients in the community for early treatment and follow up 7. Observe the assessment and care of patients with substance abuse disorders in dead diction centre 						

Course Outcomes	
CO1	History & mental status examination
CO2	Observe / practice psychometric assessment
CO3	Observe and assist in various therapies
CO4	Parental teaching for child with mental deficiency

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																
PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
	CO1	2	2	2	3	2	2	3	2	3	2	2	2	3	2	3
CO2	2	3	3	3	3	1	2	2	3	4	2	2	2	1	5	3
CO3	1	3	3	2	2	1	2	2	2	3	1	3	2	1	3	2
CO4	2	2	3	2	2	2	2	2	2	3	2	2	2	1	2	3
	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	1

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation
Attributes & SDGs

Course Code	Course Title	Attributes							SDGs No.
		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
NR315	MHN II LAB	√		√		√	√	√	3,4



Integral University, Lucknow

Effective from Session: 2022-23							
Course Code	<u>LAB NR316</u>	Title of the Course	OBG II Lab	L	T	P	C
Year	III Rd Year	Semester	VI Semester	0	0	2	1
Pre-Requisite		Co-requisite					
Course Objectives	<ul style="list-style-type: none"> On completion of the course, the students will be able to Application of restraints Administration of O2 inhalation by different methods Collection of specimens for common investigations Assisting with common diagnostic procedures 						

Course Outcomes	
CO1	Care of a baby in incubator / warmer
CO2	Endotracheal Suction
CO3	Monitoring of babies
CO4	Administration of fluids with infusion pump

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																
PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
	CO1	2	2	2	3	2	2	3	2	3	2	2	2	3	2	3
CO2	2	3	3	3	3	1	2	2	3	4	2	2	2	1	5	3
CO3	1	3	3	2	2	1	2	2	2	3	1	3	2	1	3	2
CO4	2	2	3	2	2	2	2	2	2	3	2	2	2	1	2	3
	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	1

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation
Attributes & SDGs

Course Code	Course Title	Attributes							SDGs No.
		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
NR316	OBG II LAB	√		√	√		√	√	3,4

