



INTEGRAL UNIVERSITY, LUCKNOW
FACULTY 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	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO4	PSO5	PSO6	PSO7
	CO																	
CO1	2	1	2	3	2	2	3	3	3	2	2	2	2	1	1	2	2	3
CO2	1	2	3	3	1	1	2	2	3	2	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

Course Code	Course Title	Attributes							SD Gs No.
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 physiology 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-PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO4	PSO5	PSO6	PSO7
	CO																	
CO1	2	2	2	1	2	2	1	3	1	2	2	2	2	2	1	1	1	1
CO2	2	2	1	3	1	1	2	2	1	1	2	2	1	2	2	3	2	2
CO3	1	2	2	2	2	1	2	2	2	1	1	1	2	1	1	2	1	2
CO4	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	1	2	1
CO5	1	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.
NR102	APPLIED ANATOMY & PHYSIOLOGY	Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	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 behavior, 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-PSO																		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO4	PSO5	PSO6	PSO7
CO1	2	2	2	1	2	2	1	3	1	2	2	2	1	1	1	1	2	1
CO2	2	2	1	1	1	1	2	2	1	1	2	2	1	2	1	2	2	2
CO3	1	1	2	2	2	1	2	2	2	3	1	1	2	1	1	2	1	2
CO4	2	2	2	2	2	2	2	2	2	1	2	2	1	2	1	1	2	1
CO5	1	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
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																		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO4	PSO5	PSO6	PSO7
CO1	2	2	2	1	2	2	3	1	1	2	2	2	2	2	1	3	2	1
CO2	2	2	1	1	1	1	2	2	1	1	2	2	1	2	2	1	2	2
CO3	1	2	2	2	2	1	2	2	2	1	1	1	2	1	1	2	1	1
CO4	2	2	2	1	2	2	2	2	2	3	2	1	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	
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
CO1	1	1	2	1	1	2	1	2	2	1	2	2	2	3	1	2
CO2	2	1	2	2	1	2	2	1	1	3	2	2	1	2	3	2
CO3	1	1	2	1	3	1	1	2	1	1	1	2	2	2	1	1
CO4	2	2	1	2	2	3	2	2	2	2	2	1	1	1	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
NR 105	NURSING FOUNDATION I LAB	√		√	√		√	√	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	1	1	1	2	1	2	2	2	2	2	2	1	1	2
CO2	2	1	2	1	2	2	2	1	1	1	2	2	1	2	1	1
CO3	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	2
CO4	2	2	1	2	2	1	1	2	2	2	2	1	1	1	2	1

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

Attributes & SDGs

Course Code	Course Title	Attributes							SDGs No.
		Employ-ability	Entrepreneurs hip	Skill Developme nt	Gender Equalit y	Environment & Sustainability	Huma n Value	Professional Ethics	
NR106	CLINICAL POSTING	√	√	√	√		√	√	3,4,8,9,17



INTEGRAL UNIVERSITY, LUCKNOW

FACULTY OF NURSING

**BACHELOR OF SCIENCE
NURSING
(B.Sc. N)
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	1	2	2	1	1	1	2	2	2	1	1	1	1	1	1
CO2	2	2	1	2	1	2	2	1	1	1	2	2	1	2	1	1	2	2
CO3	1	1	2	1	2	1	2	2	2	1	1	1	1	1	3	2	1	2
CO4	2	2	2	2	2	2	2	1	2	2	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.
NR107	APPLIED BIOCHEMISTRY & APPLIED NUTRITION & DIETICS	Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	3,4
		√		√	√		√	√	



Integral University, Lucknow

Effective from Session: 2022-2023							
Course Code	NR108	Title of the Course	Nursing foundation – II	L	T	P	C
Year	1	Semester	II Sem	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 Health Assess The Nursing Process
CO2	Nutritional Needs, Hygiene; Elimination Needs & Diagnostic Testing
CO3	Oxygenation Needs, Fluid, Electrolyte And Acid -Base Balances
CO4	Administration Of Medications, Sensory needs& ;Care Of terminally Ill, Death And Dying
CO5	Psychosocial Needs (A-D):Self Concept, Sexuality, Stress And Adaptation – Introductory Concepts, Concepts Of Cultural Diversity And Spirituality, Nursing Theories: Introduction

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	1	2	2	1	1	1	2	2	2	2	2	1	1	1
CO2	2	2	1	1	1	1	2	2	3	1	2	1	1	2	2	1	2	2
CO3	1	2	2	2	2	1	2	2	2	1	1	1	2	1	1	2	1	2
CO4	2	2	2	2	2	2	2	2	2	1	2	2	1	2	1	1	2	1
CO5	1	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.	
		Employ-ability	Entrepreneurs hip	Skill Development	Gender Equality	Environment & Sustainability	Human Value		Professional Ethics
NR108	NURSING FOUNDATION - II	√	√	√	√		√	√	3,4,5,9,10



Integral University, Lucknow

Effective from Session: 2022-2023							
Course Code	NR109	Title of the Course	Health informatics and technology	L	T	P	C
Year	I	Semester	II Sem	1	1	0	2
Pre-Requisite		Co-requisite					
Course Objectives	This course is designed to equip novice nursing students with knowledge and skill necessary to deliver efficient informatics – lead health care services						

Course Outcomes	
CO1	Describe the importance computer and technology in patient care and nursing practice, and Demonstrate the use of computer and technology in patient care, nursing education, practice, administration and research.
CO2	Describe the principles of health informatics, Describe and Demonstrate the concepts of information system in health
CO3	Explain the use of electronic health records in nursing practice Describe the latest trend in electronic health records standards and interoperability, Describe the advantages and limitations of health informatics in maintaining patient safety and risk management
CO4	Explain the importance of knowledge management Describe the standardized languages used in health informatics, Explain the use of information and communication technology in patient care Explain the application of public health informatics, Describe the functions of nursing information system Explain the use of healthcare data in management of health care organization
CO5	Describe the ethical and legal issues in healthcare informatics, Explains the ethical and legal issues related to nursing informatics and Explain the relevance of evidence-based practices in providing quality healthcare

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	1	2	2	1	1	1	1	2	2	2	1	1	1	1
CO2	2	2	1	2	1	2	2	2	1	1	2	2	1	2	1	1	2	2
CO3	1	1	2	2	2	1	2	2	2	1	1	1	1	1	1	2	1	2
CO4	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	1	2	1
CO5	1	2	1	2	2	2	2	2	2	1	2	2	2	1	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	
NR109	HEALTH INFORMATICS AND TECHNOLOGY	√	√	√	√		√	√	3,4,5,8,9



Integral University, Lucknow

Effective from Session:2022-23							
Course Code	NR110	Title of the Course	Nursing Foundation Lab II	L	T	P	C
Year	1st	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	Develop skills in assessment, planning, implementation and evaluation of nursing care using nursing process approach
CO2	Perform simple lab tests and analyze & interpret common diagnostic values
CO3	Identify and meet the Nutritional needs of patients
CO4	Plan and implement care to meet the elimination needs of patient

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	1	1	2	1	2	2	1	2	2	2	1	1	2
CO2	2	1	2	1	1	2	2	2	1	1	2	2	1	2	1	2
CO3	1	1	2	1	1	1	1	2	1	3	1	2	2	2	2	2
CO4	2	2	1	2	2	3	2	2	2	2	2	1	1	1	2	2

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

Attributes & SDGs

Course Code	Course Title	Attributes							SD Gs No.
NR110	NURSING FOUNDATION LAB II	Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	3,4
		√		√	√		√	√	



Integral University, Lucknow

Effective from Session:2022-23							
Course Code	NR111	Title of the Course	Clinical Posting	L	T	P	C
Year	1	Semester	II	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	Health Assessment Nursing Process
CO2	Nutritional Needs
CO3	Oxygenation Needs, Fluids, Electrolyte And Acid-Base Balances
CO4	Sensory Needs And Care Of Unconscious Patients, Care Of Terminally Ill, Death And Dying

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	1	1	2	1	2	2	1	2	2	2	1	1	2
CO2	2	1	2	1	1	2	2	2	1	1	2	2	1	2	1	1
CO3	1	1	1	1	1	1	1	2	1	1	1	2	2	2	3	1
CO4	2	2	3	2	2	1	2	2	2	2	2	1	1	1	2	2

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

Attributes & SDGs

Course Code	Course Title	Attributes							SD Gs No.
NR111	CLINICAL POSTING	Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	3,4, 8,9, 17
		√		√	√		√	√	



INTEGRAL UNIVERSITY, LUCKNOW

FACULTY OF NURSING

BACHELOR OF SCIENCE

NURSING

(B.Sc. N)

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	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.						

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	P O1 0	PO1 1	PO1 2	PSO 1	PSO 2	PS O3	PSO 4	PSO5	PSO6	PSO7
	CO																		
CO 1	1	2	1	3	1	2	1	1	1	1	2	1							
CO 2	1	1	3	2	2	1	2	1	1	2	1	1	1	2	1	1	1	1	1
CO 3	1	2	2	2	1	1	1	2	1	1	2	2							
CO 4	1	1	1	2	2	2	2	2	2	1	2	2							
CO 5	1	2	2	1	2	2	2	1	2	3	2	2	2	2	2	2	1	1	2

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

Course Code	Course Title	Attributes							SDG s No.
NR201	APPLIED MICROBIOLOGY & INFECTION CONTROL INCLUDING SAFETY	Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	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	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 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.
CO2	Students would able to describe the Pharmacology of commonly used anntiasthmatics ,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.
CO3	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.
CO4	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.
CO5	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.

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																			
PO-PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO7
	CO																		
CO 1	2	1	1	1	1	1	2	1	1	2	2	1	1	2	1	1	1	1	1
CO 2	1	1	1	1	2	1	2	1	1	1	1	2	2	1	1	1	1	1	1
CO 3	2	3	2	1	1	1	2	2	1	2	2	1	1	1	1	2	2	1	1
CO 4	1	1	1	2	2	2	1	1	2	1	2	2	2	1	2	1	1	2	1
CO 5	1	1	1	1	1	3	2	1	2	1	1	2	3	1	1	2	1	1	2

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

Course Code	Course Title	Attributes							SDGs No.
NR202	PHARMACOLOGY-I & PATHOLOGY-I	Employ-ability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	3,4,7
		√		√	√		√	√	



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	1	2	2	1	1	2	1	1	1	2	2	1	1	2	1	1
CO2	1	2	1	2	2	1	2	1	1	2	1	2	2	1	1	1	1
CO3	1	2	2	2	1	1	1	2	1	2	2	1	1	1	2	1	1
CO4	2	2	1	3	2	2	2	2	1	2	1	1	2	2	1	1	1

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

Attributes & SDGs

Course Code	Course Title	Attributes							SDGs No.
NR204	ADULT HEALTH NURSING-II	Employ-ability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	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 assist students to acquire the knowledge and develop proficiency in caring for patients with medical surgical disorders in varieties 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 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.

PO-PSO	Course Articulation Matrix: (Mapping of COs with POs and PSOs)																		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 0	PO1 1	PO1 2	PSO 1	PSO 2	PSO3	PSO4			
CO 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2
CO 2	1	1	1	1	2	1	2	1	2	1	3	2	2	1	1	1	1	1	1
CO 3	1	2	1	1	1	2	1	2	1	1	2	1	1	1	1	2	1	1	1
CO 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	1	1	1	1	2	2	1	1	1	2	2	1	1	1	2	1	1	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	
NR205	CLINICAL POSTING	√		√	√	√	√	√	3,4,17



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**BACHELOR OF SCIENCE
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SYLLABUS**

YEAR/ SEMESTER: II/IV



Integral University, Lucknow

Effective from Session: 2022-2023							
Course Code	NR208	Title of the Course	Professionalism, Professional values & Ethics including bioethics	L	T	P	C
Year	2	Semester	IV	1	0	0	1
Pre-Requisite		Co-requisite					
Course Objectives	This course is designed to help the students to develop an understanding of professionalism & demonstrate professional behavior in their workplace with the ethics & professional values. Further the students will be able to identify ethical issues in nursing practice and participate effectively in ethical decision making along with health team members						

Course Outcomes	
CO1	The students will be able to- Describe profession & professionalism, Identify the challenges of professionalism, Maintain respectful communication & relationship with other health team members patient & society and Demonstrate professional conduct
CO2	The students will be able to- Describe various regulatory bodies & professional organizations related to nursing, Discuss the importance of professional values in patient care and Explain the professional values & demonstrate appropriate professional values in nursing practice.
CO3	The students will be able to -Demonstrate & reflect on the role & responsibilities in providing compassionate care in health care settings and Demonstrate respect, human dignity & privacy & confidentiality to self, patients & their caregivers & others health team members.
CO4	The students will be able to-Identify ethical & bioethical concern issue & dilemmas in nursing & health care and Apply knowledge of ethics & bioethics in ethical decision making along with health team members.
CO5	The students will be able to - Protect and respect patient's right.

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	PSO7
CO1	1	1	2	2	1	1	1	2	1	1	1	1	1	2	3	1	2	1	7
CO2	1	1	1	1	1	1	2	1	1	2	1	2	2	1	1	2	1	1	1
CO3	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	1	1	1	1
CO4	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
CO5	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1

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

Course Code	Course Title	Attributes							SDGs No.
NR208	PROFESSIONALISM, PROFESSIONAL VALUES & ETHICS INCLUDING BIOETHICS	Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	3,4,
		√		√	√	√	√	√	



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	1	1	1	1	1	2	1	1	1	1	1	1	1	2	1	1
CO2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
CO3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CO4	1	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1

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	Entrepreneursh ip	Skill Developme nt	Gender Equalit y	Environment & Sustainability	Huma n Value	Professional Ethics	3,4
		√		√	√		√	√	



Integral University, Lucknow

Effective from Session:2022-2023							
Course Code	NR210	Title of the Course	Clinical Posting	L	T	P	C
Year	2	Semester	4	0	0	0	0
Pre-Requisite		Co-requisite					
Course Objectives	On completion of the clinical practicum, the students will develop proficiency in applying nursing process and critical thinking in rendering holistic nursing care including rehabilitation to the adult / geriatric patients admitted in critical care units, undergoing cosmetic and reconstructive surgery and with selected medical & surgical disorders of ear, nose, throat, eye, genitourinary, reproductive, immunologic, nervous system and in emergency / disaster conditions						

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, eye and 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.

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	3	3	3	2	3	3	3	3	2	3	2	1	2	3	4	5	6
CO2	3	2	3	2	2	3	2	3	3	2	3	2	2	1	2	3	3	4	6
CO3	3	3	2	2	3	3	3	2	3	2	2	1	1	2	1	5	2	3	5
CO4	3	2	3	3	2	2	2	2	3	2	3	1	1	1	2	3	1	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	
NR210	CLINICAL POSTING	√		√	√	√	√	√	3,4,17



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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																		
	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	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	
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

Attributes & SDGs

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

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 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	2	2	3	3	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																		
	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	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.
NR304	EDUCATIONAL TECHNOLOGY NURSING EDUCATION	Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	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.
NR305	INTRODUCTION TO FORENSIC NURSING AND INDIAN LAWS	Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	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																
	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	2
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.
NR306	CHILD HEALTH NURSING LAB I	Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	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.
NR308	COMMUNITY 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	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 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	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

FACULTY 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	1
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.
NR310	CHN II	Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	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 CO	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.
NR311	MHN II	Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics
		√		√	√	√	√	√
								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	1	1	1	1	2	2	1	1	1	2	1	2	2	2	1	1	1	1
CO2	1	1	1	1	1	1	2	2	1	1	2	2	1	2	2	1	2	2
CO3	1	1	1	2	1	1	2	1	2	1	1	1	2	1	1	2	1	1
CO4	1	1	1	1	1	1	1	2	1	1	2	1	1	2	1	1	2	2
CO5	2	1	1	2	2	2	1	2	2	1	1	2	2	1	2	2	1	1

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

Attributes & SDGs

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



Integral University, Lucknow

Effective from Session:2022-23							
Course Code	LAB NR314	Title of the Course	Child health nursing II Lab	L	T	P	C
Year	III Rd Year	Semester	VI Semester	0	0	2	1
Pre-Requisite		Co-requisite					
Course Objectives	On completion of the course, the students will be able to: Asses patients with child health problems / disorders Observe and assist in various treatment modalities or therapies Counsel and educate patients and families Perform CPR in children Provide nursing care to baby in incubator, ventilator, CPAP, O ₂ inhalation Motivate patients in the community for early treatment and follow up						

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	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	1	2	1
CO3	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
CO4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	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	
NR314	CHN II LAB	√		√	√	√	√	√	3,4



Integral University, Lucknow

Effective from Session:2022-23							
Course Code	LAB NR315	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> <p>Asses patients with mental health problems / disorders Observe and assist in various treatment modalities or therapies Counsel and educate patients and families Perform individual and group psycho-education Provide nursing care to patients with mental health problems / disorders Motivate patients in the community for early treatment and follow up Observe the assessment and care of patients with substance abuse disorders in dead diction centre</p>						

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																
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO																
CO1	1	2	2	1	1	1	1	1	1	2	1	1	1	1	1	2
CO2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
CO3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
CO4	1	1	1	1	1	1	1	1	2	1	1	1	2	1	2	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	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	LAB NR316	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	1	1	2	1	1	1	1	1	1	1	1	2	1	1	1
CO2	1	1	2	1	1	1	1	1	2	1	1	1	2	1	1	1
CO3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
CO4	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	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



Integral University, Lucknow

Effective from Session:2017-18										
Course Code	NR317	Title of the Course	CLINICAL POSTING				L	T	P	C
Year	3	Semester	VI				0	0	0	24
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.									

Course Outcomes	
CO1	Perform individual and group psycho-education
CO2	Provide nursing care to patients with mental health problems / disorders
CO3	Motivate patients in the community for early treatment and follow up
CO4	Observe the assessment and care of patients with substance abuse disorders in dead diction center

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	1	2	1	1	1	1	1	1	1	1	2	1	1	1
CO2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
CO3	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2
CO4	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1

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

Attributes & SDGs

Course Code	Course Title	Attributes						SDGs No.
NR317	CLINICAL POSTING	Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics
		√		√	√	√	√	√

3,4,17



INTEGRAL UNIVERSITY, LUCKNOW

**FACULTY OF NURSING
BACHELOR OF SCIENCE**

**NURSING
(B.Sc. N)
SYLLABUS**

YEAR/ SEMESTER: IV/VII



Integral University, Lucknow

Effective from Session: 2023-2024							
Course Code	NR401	Title of the Course	Community Health Nursing-II	L	T	P	C
Year	Fourth	Semester	VII	3	1	0	0
Pre-Requisite	None	Co-requisite	None				
Course Objectives	This course is designed to help students gain board perspective of specialized roles and responsibilities of community health nurses and to practice in various specialized health care settings. It helps students to develop knowledge and competencies required for assessment, diagnosis, treatment and nursing management of individuals and families within the community in wellness and illness continuum						

Course Outcomes	
CO1	Management of common conditions and emergencies including first aid & reproductive, maternal, newborn, child and adolescent health (review from OBG nursing and application in community settings)
CO2	Describe occupational health hazards, occupational diseases, and the role of nurses in occupational health programmes.
CO3	Identify health problems of older adults and provide primary care, counseling, and supportive health services. Participate in screening for mental health problems in the community and providing appropriate referral services. Discuss the methods of data collection for HMIS, analysis, and interpretation of data, and then discuss effective management of health information in community diagnosis and intervention.
CO4	Describe the management system of delivery of community health services in rural and urban areas, including the leadership role in guiding, supervising, and monitoring the health services and the personnel at the PHCs, SCs, and community level, along with financial management and maintenance of records & reports. Also, describe the roles and responsibilities of Mid-Level Health Care Providers (MHCs) in Health Wellness Centers (HWCs) and identify the roles and responsibilities of health team members, explaining their job description
CO5	Demonstrate initiative in preparing themselves and the community for disaster preparedness and management, and also demonstrate skills in proper bio-medical waste management as per protocols while explaining the roles and functions of various national and international health agencies.

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
	CO																	
CO1	3	2	3	2	2	3	3	2	3	2	2	2	2	1	1	2	2	3
CO2	1	2	3	3	2	3	2	2	3	3	2	3	3	2	2	1	2	2
CO3	2	1	2	3	2	2	1	2	2	2	2	1	2	1	3	2	1	2
CO4	3	2	2	2	3	2	3	2	2	3	2	2	1	2	2	1	2	3
CO5	3	2	1	2	2	2	2	2	2	1	2	2	2	2	1	2	2	2

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

Attributes & SDGs

Course Code	Course Title	Attributes							SD Gs No.
		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
NR401	Community Health Nursing-II	√		√				√	4,17



Integral University, Lucknow

Effective from Session: 2023-2024							
Course Code	NR402	Title of the Course	Nursing research and statistics	L	T	P	C
Year	Fourth	Semester	VII	1	1	0	0
Pre-Requisite	None	Co-requisite	None				
Course Objectives	This course is designed to enable students to develop an understanding of basic concepts of research, research process and statistics. It is further, structured to conduct / participate in need – based research studies in various settings and utilized the research findings to provide quality nursing care. The hours for practical will be utilized for conducting individual / group research project						

Course Outcomes	
CO1	Identify research priority areas, formulate research questions / problem statement / hypotheses, and review related literature on the selected research problem while preparing an annotated bibliography.
CO2	Prepare sample data collection tool
CO3	Analyze and interpret the given data, practice computing, descriptive statistics, and correlation, and draw figures and types of graphs on the selected data.
CO4	Develop a research proposal
CO5	Plan and conduct a group / individual research project

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	
	CO																		
CO1	3	1	2	1	1	2	1	3	1	2	2	2	2	2	1	1	1	1	
CO2	2	2	1	3	1	2	1	1	2	1	2	1	1	2	1	2	1	2	
CO3	1	2	1	1	2	1	2	2	2	1	1	1	2	1	1	2	1	2	
CO4	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	1	2	1	
CO5	2	1	2	2	2	2	1	2	2	1	2	1	2	1	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	
NR 402	Nursing research and statistics	√		√	√		√	√	3,4



Integral University, Lucknow

Effective from Session: 2023-2024							
Course Code	NR403	Title of the Course	Midwifery / Obstetrics And Gynecology Nursing-II	L	T	P	C
Year	Fourth	Semester	VII	2	1	0	0
Pre-Requisite	None	Co-requisite	None				
Course Objectives	This course is designed for students to develop knowledge and competencies on the concepts and principles of obstetrical and gynecology nursing. It helps them to acquire knowledge and skills in rendering respectful maternity care to high risk woman during antenatal, natal and postnatal periods in hospitals and community settings and help to develop skills in initial management and referral of high risk neonates and participate in family welfare programme. It would also help students to gain knowledge, attitude and skills in caring for women with gynecological disorders						

Course Outcomes	
CO1	Describe the assessment, initial management, referral, and respectful maternity care of women with high-risk pregnancy, demonstrate competency in identifying deviation from normal pregnancy, and describe the assessment, initial management, referral, and nursing care of women with high-risk labor.
CO2	Assist in the condition of abnormal vaginal deliveries and Caesarean section, describe the assessment, initial management, referral, and nursing care of women with abnormal postnatal conditions, and demonstrate competency in the initial management of complications during the postnatal period. Top of Form
CO3	Demonstrate competency in providing care for high-risk newborns and apply nursing process in caring for high-risk women and their families. Describe the assessment and management of women with gynecological disorders, and demonstrate skills in performing and assisting in specific gynecological procedures.
CO4	Counsel and care for couples with infertility, describe artificial reproductive technology, and describe the drugs used in obstetrics and gynecology.
CO5	Demonstrate skills in implementing various government programmes related to MNCH care, identify the role of a midwife in vital statistics and health information management, and recognize the importance of family welfare programme, describing the methods of contraception and the role of nurse in family welfare

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	3	2	3	2	2	3	3	2	3	2	2	2	2	1	1	2	2
CO2	2	2	1	2	2	1	2	2	2	1	1	3	3	2	2	1	2	2
CO3	3	2	3	2	2	2	1	2	2	2	2	2	1	2	3	2	1	2
CO4	3	2	2	2	3	2	3	2	2	3	2	2	1	2	2	1	2	3
CO5	2	2	1	1	2	2	2	2	2	1	2	2	2	2	1	2	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	
NR403	Midwifery / Obstetrics And Gynecology Nursing-II	√		√	√	√	√	√	3,4,5,7,11



Integral University, Lucknow

Effective from Session:2023-24							
Course Code	NR 404	Title of the Course	Community Health Nursing-II Lab	L	T	P	C
Year	Fourth	Semester	VII	0	0	2	0
Pre-Requisite	None	Co-requisite	None				
Course Objectives	To develop students' proficiency in clinical assessment, management, and coordination across various healthcare settings, including antenatal and postnatal care, family planning, adolescent counseling, elderly health assessments, mental health screenings, and disaster preparedness.						

Course Outcomes	
CO1	To develop students' proficiency in screening, diagnosing, managing, and referring clients with common conditions/emergencies, enabling them to proficiently oversee antenatal and postnatal clinics, coordinate specialized clinics and camps (such as tubectomy and vasectomy), and ensure thorough pregnancy monitoring using RCH numbers.
CO2	Demonstrate comprehensive proficiency in assessing the physical and nutritional aspects of antenatal, intrapartum, postnatal, and newborn stages, performing normal deliveries at a health center, and providing effective care for newborns.
CO3	Students will be proficient in providing comprehensive counseling to adolescents, delivering family planning guidance including the distribution of temporary contraceptives, and possessing the skills to screen, diagnose, manage, and refer clients with occupational health issues."
CO4	Students will be able to proficiently perform health assessments on elderly individuals, administer mental health screenings, actively engage in community diagnosis with an emphasis on data management, compose comprehensive health center activity reports, effectively organize and execute clinics/camps, and participate adeptly in disaster mock drills.

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	1	1	2	1	2	2	1	2	2	2	3	1	2
CO2	3	1	1	2	1	2	2	1	2	3	2	2	1	2	3	2
CO3	3	2	2	1	3	1	1	2	1	1	1	2	2	2	1	1
CO4	2	2	2	1	2	2	2	2	3	1	1	2	1	1	2	2

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

Course Code	Course Title	Attributes							SDGs No.
NR 404	Community Health Nursing-II Lab	Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	3,4
		√		√	√		√	√	



Integral University, Lucknow

Effective from Session:2023-24							
Course Code	NR 405	Title of the Course	Midwifery / Obstetrics And Gynecology Nursing-II Lab	L	T	P	C
Year	Fourth	Semester	VII	0	0	2	0
Pre-Requisite	None	Co-requisite	None				
Course Objectives	To equip students with the knowledge and skills to identify and manage complications in antenatal, intranatal, and postnatal care, including resuscitating newborns, conducting deliveries, managing labor complications, assisting in clinical procedures, and providing comprehensive family welfare services and gynecological care.						

Course Outcomes	
CO1	Identify and refer antenatal mothers with complications, conduct labor and delivery, demonstrate skills in resuscitating the newborn, assist and manage complications during labor, and assist in the conduction of abnormal vaginal deliveries and Caesarean sections.
CO2	Identify postnatal and neonatal complications and refer them. Provide care for high-risk antenatal, intranatal, and postnatal mothers and their families using a nursing process approach. Provide care for high-risk newborns. Assist in advanced clinical procedures in midwifery.
CO3	Provide family welfare services, participate in national family welfare programs, demonstrate IUCD insertion and removal, and provide care for women during their non-childbearing period, including post-abortion care
CO4	Assess women with gynecological disorders, demonstrate skills in performing and assisting in specific gynecological procedures, and counsel and care for couples with infertility.

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	1	1	2	1	2	1	2	2	2	2	2	2	1	1	2
CO2	2	1	1	1	1	2	1	1	1	1	2	1	1	1	1	1
CO3	1	2	2	2	3	2	1	1	1	1	1	2	2	2	3	2
CO4	2	2	1	2	2	2	2	2	2	2	2	1	1	1	2	1

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

Attributes & SDGs

Course Code	Course Title	Attributes							SDGs No.
		Employ-ability	Entrepreneurs hip	Skill Developme nt	Gender Equalit y	Environment & Sustainability	Huma n Value	Professional Ethics	
NR 405	Midwifery / Obstetrics And Gynecology Nursing-II Lab	√	√	√	√		√	√	3,4,8,9,17



Integral University, Lucknow

Effective from Session:2023-24							
Course Code	NR 406	Title of the Course	Clinical Posting	L	T	P	C
Year	Fourth	Semester	VII	0	0	0	6
Pre-Requisite	None	Co-requisite	None				
Course Objectives	To enable students to proficiently conduct comprehensive pregnancy assessments, provide care for expectant mothers, emphasize birth preparedness, collect postnatal history, identify complications, offer care for postnatal mothers and newborns, manage labor stages and obstetric emergencies, assess and manage neonatal complications, support obstetric and gynecological procedures, deliver comprehensive care for women with gynecological conditions, and effectively manage antenatal and postnatal clinics, special clinics, and camps while ensuring comprehensive pregnancy tracking.						

Course Outcomes	
CO1	To enable students to proficiently conduct comprehensive pregnancy assessments, including confirmation tests, medical history gathering, physical and obstetric examinations, various blood and urine tests, monitoring fetal well-being through techniques like NST/CTG/USG, and providing care and counseling for expectant mothers, including those with complications, while also emphasizing birth preparedness and complication readiness.
CO2	To enable students to proficiently collect postnatal history, conduct physical examinations, identify complications, provide care and counseling for postnatal mothers and newborns, assess women in labor, manage various stages of labor, assist in normal and abnormal deliveries, manage obstetric emergencies, assess and manage neonatal complications, perform neonatal assessments, and apply relevant medical procedures and interventions.
CO3	To enable students to effectively participate in and support various obstetric and gynecological procedures including Caesarean sections, management of retained placenta, gynecological surgeries, hysterectomy, and uterine rupture, while also providing comprehensive care to women with gynecological conditions, performing vaginal douche applications, and delivering health education.
CO4	To equip students with the skills to effectively manage antenatal and postnatal clinics, organize special clinics and camps including procedures like tubectomy and vasectomy, and ensure comprehensive pregnancy tracking through the use of RCH numbers.

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	1	2	2	1	1	1	2	2	2	2	2	1	1
CO2	2	2	1	1	1	1	2	2	3	1	2	1	1	2	2	1
CO3	1	2	2	2	2	1	2	2	2	1	1	1	2	1	1	2
CO4	2	2	2	2	2	2	2	2	2	1	2	2	1	2	1	1

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

Attributes & SDGs

Course Code	Course Title	Attributes						SDGs No.	
		Employ-ability	Entrepreneurs hip	Skill Development	Gender Equality	Environment & Sustainability	Human Value		Professional Ethics
NR 406	Clinical Posting	√	√	√	√		√	√	3,4,8,9,17



INTEGRAL UNIVERSITY, LUCKNOW
FACULTY OF NURSING
BACHELOR OF SCIENCE
NURSING
(B.Sc. N)
SYLLABUS

YEAR/ SEMESTER: IV/VIII
INTERNSHIP



Integral University, Lucknow

Effective from Session:2023-24							
Course Code	NR 407	Title of the Course	Internship	L	0	T	0
Year	Fourth	Semester	VIII	P	0	C	8
Pre-Requisite	Successful completion of all undergraduate courses	Co-requisite	None				
Course Objectives	After completion of the internship year each intern will able to: to integrate healthcare knowledge for quality nursing care, demonstrate theoretical understanding, legal and ethical awareness, evidence-based practice, professionalism, communication skills, clinical competence, leadership, and collaboration, while upholding ethical standards and advocating patient rights, in various healthcare settings, ultimately fostering safe, patient-centered, and effective nursing practice.						

Course Outcomes	
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.
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.
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.
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.
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 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	2	3	2	2	3	3	2	3	2	2	2	2	1	1	2
CO2	3	2	2	3	2	1	2	2	2	1	1	3	3	2	2	1
CO3	3	2	3	2	2	2	2	3	2	3	2	2	2	1	2	2
CO4	3	2	2	2	3	2	3	2	2	3	2	2	1	2	2	1
CO5	2	2	1	1	2	2	2	2	2	1	2	2	2	2	1	2

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

Attributes & SDGs

Course Code	Course Title	Attributes							SDGs No.
NR 407	Internship	Employ-ability	Entrepreneurs hip	Skill Developme nt	Gender Equalit y	Environment & Sustainability	Huma n Value	Professional Ethics	3,4,8,9,17
		√	√	√	√		√	√	