



DAYANANDA SAGAR UNIVERSITY
SCHOOL OF HEALTH SCIENCES - COLLEGE OF NURSING SCIENCES

PROGRAM: MSc NURSING

PROGRAMME OUTCOMES (POs)

A student upon successful completion of master's degree in nursing should be able to assume responsibilities as nurse specialists, consultants, educators, administrators in a wide variety of professional settings.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

1. Utilize/apply the concepts, theories and principles of nursing science
2. Demonstrate advance competence in practice of nursing.
3. Practice as a nurse specialist.
4. Demonstrate leadership qualities and function effectively as nurse educator and manager.
5. Demonstrate skill in conducting nursing research, interpreting and utilizing the findings from health related research.
6. Demonstrate the ability to plan and effect change in nursing practice and in the health care delivery system.
7. Establish collaborative relationship with members of other disciplines.
8. Demonstrate interest in continued learning for personal and professional advancement.

COURSE OUTCOMES (COs):

First year M.Sc. Nursing

Sl. No.	Course Code	Course	Course Outcomes
1	16MSN101	NURSING EDUCATION	<ol style="list-style-type: none">1. Explain the aims of education, philosophies, trends in education and health: its impact on nursing education2. Describe the teaching learning process.3. Prepare and utilize various instructional media and methods in teaching learning process.4. Demonstrate competency in teaching, using various instructional strategies.5. Critically analyze the existing nursing educational programs, their problems, issues and future

			<p>trends.</p> <ol style="list-style-type: none"> 6. Describe the process of curriculum development, and the need and methodology of curriculum change, innovation and integration. 7. Plan and conduct continuing nursing education programs. 8. Critically analyze the existing teacher preparation programs in nursing. 9. Demonstrate skill in guidance and counseling. 10. Describe the problems and issues related to administration of nursing curriculum including selection and organization of clinical experience. 11. Explain the development of standards and accreditation process in nursing education programs. 12. Identify research priorities in nursing education. 13. Discuss various models of collaboration in nursing education and services. 14. Explain the concept, principles, steps, tools and techniques of evaluation 15. Construct, administer and evaluate various tools for assessment of knowledge, skill, and attitude
2	16MSN102	ADVANCE NURSING PRACTICE	<ol style="list-style-type: none"> 1. Appreciate and analyze the development of nursing as a profession. 2. Describe ethical, legal, political and economic aspects of health care delivery and nursing practice. 3. Explain bio- psycho- social dynamics of health, life style and health care delivery system. 4. Discuss concepts, principles, theories, models, approaches relevant to nursing and their application. 5. Describe scope of nursing practice. 6. Provide holistic and competent nursing care following nursing process approach. 7. Identify latest trends in nursing and the basis of advance nursing practice. 8. Perform extended and expanded role of nurse. 9. Describe alternative modalities of nursing care. 10. Describe the concept of quality control in nursing. 11. Identify the scope of nursing research. 12. Use computer in patient care delivery system and nursing practice. 13. Appreciate importance of self-development and professional.

3	16MSN103	NURSING RESEARCH	<ol style="list-style-type: none"> 1. Define basic research terms and concepts. 2. Review literature utilizing various sources 3. Describe research methodology 4. Develop a research proposal. 5. Conduct a research study. 6. Communicate research findings 7. Utilize research findings 8. Critically evaluate nursing research studies. 9. Write scientific paper for publication.
4	16MSN104	STATISTICS	<ol style="list-style-type: none"> 1. Explain the basic concepts related to statistics 2. Describe the scope of statistics in health and nursing 3. Organize, tabulate and present data meaningfully. 4. Use descriptive and inferential statistics to predict results. 5. Draw conclusions of the study and predict statistical significance of the results. 6. Describe vital health statistics and their use in health related research. 7. Use statistical packages for data analysis
5	16MSN105	MEDICAL – SURGICAL NURSING (CLINICAL SPECIALITY - I)	<ol style="list-style-type: none"> 1. Appreciate the trends & issues in the field of Medical – Surgical Nursing as a speciality. 2. Apply concepts & theories related to health promotion. 3. Appreciate the client as a holistic individual. 4. Perform physical, psychosocial assessment of Medical – Surgical patients. 5. Apply Nursing process in providing care to patients. 6. Integrate the concept of family centered nursing care with associated disorder such as genetic, congenital and long-term illness. 7. Recognize and manage emergencies with Medical- Surgical patients. 8. Describe various recent technologies & treatment modalities in the management of critically ill patients. 9. Appreciate the legal & ethical issues relevant to Medical – Surgical Nursing. 10. Prepare a design for layout and management of Medical – Surgical Units. 11. Appreciate the role of alternative systems of Medicine in care of patients. 12. Incorporate evidence based Nursing practice and

			<p>identifies the areas of research in the field of Medical – Surgical Nursing.</p> <p>13. Recognize the role of Nurse practitioner as a member of the Medical – Surgical health team.</p> <p>14. Teach Medical – Surgical nursing to undergraduate nursing students & in-service nurses.</p>
6	16MSN106	OBSTETRIC AND GYNAECOLOGICAL NURSING (CLINICAL SPECIALITY - I)	<ol style="list-style-type: none"> 1. Appreciate the trends in the field of midwifery, obstetrics and gynaecology as a speciality. 2. Describe the population dynamics and indicators of maternal and child health 3. Describe the concepts of biophysical, psychological and spiritual aspects of normal pregnancy, labor and puerperium. 4. Provide comprehensive nursing care to women during reproductive period and new-borns. 5. Integrate the concepts of family centered nursing care and nursing process approach in obstetric and gynaecological nursing. 6. Identify and analyze the deviations from normal birth process and refer appropriately. 7. Describe the pharmacological agents, their effects during pregnancy, child birth, puerperium, lactation and the role of nurse 8. Counsel adolescents, women and families on issues pertaining to pregnancy, child birth and lactation 9. Describe the role of various types of complementary and alternative therapies in obstetric and gynaecological nursing. 10. Incorporate evidence based nursing practice and identify the areas of research in the field of obstetric and gynaecological nursing. 11. Describe the recent advancement in contraceptive technology and birth control measures 12. Appreciate the legal and ethical issues pertaining to obstetric and gynecological nursing
7	16MSN107	CHILD HEALTH NURSING (CLINICAL SPECIALITY - I)	<ol style="list-style-type: none"> 1. Appreciate the history and developments in the field of pediatrics and pediatric nursing as a specialty 2. Apply the concepts of growth and development in providing care to the pediatric clients and their families. 3. Appreciate the child as a holistic individual

			<ol style="list-style-type: none"> 4. Perform physical, developmental, and nutritional assessment of pediatric clients 5. Apply nursing process in providing nursing care to neonates & children 6. Integrate the concept of family centered pediatric nursing care with related areas such as genetic disorders, congenital malformations and long term illness. 7. Recognize and manage emergencies in neonates 8. Describe various recent technologies and treatment modalities in the management of high risk neonates 9. Appreciate the legal and ethical issues pertaining to pediatric and neonatal nursing 10. Prepare a design for layout and management of neonatal units 11. Incorporate evidence based nursing practice and identifies the areas of research in the field of pediatric/neonatal nursing 12. Recognize the role of pediatric nurse practitioner and as a member of the pediatric and neonatal health team 13. Teach pediatric nursing to undergraduate students & in-service nurses
8	16MSN108	MENTAL HEALTH NURSING (CLINICAL SPECIALITY - I)	<ol style="list-style-type: none"> 1. Appreciate the trends and issues in the field of psychiatry and psychiatric nursing. 2. Explain the dynamics of personality development and human behaviour. 3. Describe the concepts of psychobiology in mental disorders and its implications for psychiatric nursing 4. Demonstrate therapeutic communications skills in all interactions 5. Demonstrate the role of psychiatric nurse practitioner in various therapeutic modalities 6. Establish and maintain therapeutic relationship with individual and groups 7. Uses assertive techniques in personal and professional actions 8. Promotes self-esteem of clients, others and self 9. Apply the nursing process approach in caring for patients with mental disorders 10. Describe the psychopharmacological agents, their effects and nurses role 11. Recognize the role of psychiatric nurse

			<p>practitioner and as a member of the psychiatric and mental health team</p> <p>12. Describe various types of alternative system of medicines used in psychiatric settings</p> <p>13. Incorporate evidence based nursing practice and identifies the areas of research in the field of psychiatric nursing</p>
9	16MSN109	COMMUNITY HEALTH NURSING (CLINICAL SPECIALITY - I)	<ol style="list-style-type: none"> 1. Appreciate the history and development in the field of Community Health and Community Health Nursing. 2. Appreciate role of individuals and families in promoting health of the Community. 3. Perform physical, developmental and nutritional assessment of individuals, families and groups. 4. Apply the concepts of promotive, preventive, curative and rehabilitative aspects of health while providing care to the people. 5. Apply nursing process approach while providing care to individuals, families, groups and community. 6. Integrate the concepts of family centered nursing approach while providing care to the community. 7. Recognize and participate in the management of emergencies, epidemics and disasters. 8. Apply recent technologies and care modalities while delivering community health nursing care. 9. Appreciate legal and ethical issues pertaining to community health nursing care. 10. Conduct community health nursing care projects. 11. Participate in planning, implementation and evaluation of various national health and family welfare programmes at local, state and the national level. 12. Incorporate evidence based nursing practice and identifies the areas of research in the community settings. 13. Participate effectively as a member of Community Health team. 14. Coordinate and collaborate with various agencies operating in the community by using inter-sectoral approach. 15. Teach community health nursing to undergraduates, in-service nurses and the community health workers. 16. Demonstrate leadership and managerial abilities

			in community health nursing practice
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Second year M.Sc. Nursing

Sl. No.	Course Code	Course	Course Outcomes
1	16MSN201	NURSING MANAGEMENT	<ol style="list-style-type: none"> 1. Describe the philosophy and objectives of the health care institutions at various levels. 2. Identify trends and issues in nursing. 3. Discuss the public administration, health care administration via a nursing administration. 4. Describe the principles of administration applied to nursing. 5. Explain the organization of health and nursing services at the various levels/institutions. 6. Collaborate and co-ordinate with various agencies by using multi sectoral approach 7. Discuss the planning, supervision and management of nursing workforce for various health care settings. 8. Discuss various collaborative models between nursing education and nursing service to improve the quality of nursing care. 9. Identify and analyze legal and ethical issues in nursing administration. 10. Describe the process of quality assurance in nursing services. 11. Demonstrate leadership in nursing at various levels.
2	16MSN202 A	MEDICAL SURGICAL	<ol style="list-style-type: none"> 1. Appreciate trends and issues related to cardio vascular and thoracic Nursing.

		<p>NURSING (CARDIOVASCULAR AND THORACIC NURSING) CLINICAL SPECIALITY – II</p>	<ol style="list-style-type: none"> 2. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of cardio vascular and thoracic conditions 3. Participate in national health programs for health promotion, prevention and rehabilitation of patients with cardio vascular and thoracic conditions 4. Perform physical, psychosocial & spiritual assessment 5. Assist in various diagnostic, therapeutic and surgical procedures 6. Apply nursing process in providing comprehensive care to patients with cardio vascular and thoracic conditions 7. Demonstrate advance skills/competence in managing patients with cardio vascular and thoracic conditions including Advance Cardiac Life Support. 8. Describe the various drugs used in cardio vascular and thoracic conditions and nurses responsibility 9. Demonstrate skill in handling various equipments/gadgets used for critical care of cardio vascular and thoracic patients 10. Appreciate team work & coordinate activities related to patient care. 11. Practice infection control measures. 12. Identify emergencies and complications & take appropriate measures 13. Discuss the legal and ethical issues in cardio vascular and thoracic nursing 14. Assist patients and their family to cope with emotional distress, grief, anxiety and spiritual needs. 15. Appreciate the role of alternative system of medicine in care of patient 16. Incorporate evidence based nursing practice and identifies the areas of research in the field of cardio vascular and thoracic nursing 17. Identify the sources of stress and manage burnout syndrome among health care providers. 18. Teach and supervise nurses and allied health workers. 19. Design a layout of ICCU and ICTU and develop standards for cardio vascular and thoracic nursing practice.
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	16MSN202 B	<p>MEDICAL SURGICAL NURSING (CRITICAL CARE NURSING) CLINICAL SPECIALITY – II</p>	<ol style="list-style-type: none"> 1. Appreciate trends and issues related to Critical Care Nursing. 2. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of critically ill patients 3. Describe the various drugs used in critical care and nurse’s responsibility 4. Perform physical, psychosocial & spiritual assessment 5. Demonstrate advance skills/competence in managing critically ill patients including Advance Cardiac Life Support. 6. Demonstrate skill in handling various equipments/gadgets used for critical care 7. Provide comprehensive care to critically ill patients. 8. Appreciate team work & coordinate activities related to patient care. 9. Practice infection control measures. 10. Assess and manage pain. 11. Identify complications & take appropriate measures. 12. Discuss the legal and ethical issues in critical care nursing 13. Assist patients and their family to cope with emotional distress, spiritual, grief and anxiety 14. Assist in various diagnostic, therapeutic and surgical procedures 15. Incorporate evidence based nursing practice and identifies the areas of research in the field of critical care nursing 16. Identify the sources of stress and manage burnout syndrome among health care providers. 17. Teach and supervise nurses and allied health workers. 18. Design a layout of ICU and develop standards for critical care nursing practice.
	16MSN202 C	<p>MEDICAL SURGICAL NURSING (ONCOLOGY NURSING) CLINICAL SPECIALITY – II</p>	<ol style="list-style-type: none"> 1. Explain the prevention, screening and early detection of cancer 2. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of oncological disorders of various body systems 3. Describe the psychosocial effects of cancer on patients and families. 4. Demonstrate skill in administering/assisting in various treatment modalities used for patients with

			<p>cancer</p> <ol style="list-style-type: none"> 5. Apply nursing process in providing holistic care to patients with cancer. 6. Apply specific concepts of pain management 7. Appreciate the care of death and dying patients and value of bereavement support. 8. Describe the philosophy, concept and various dimensions of palliative care 9. Appreciate the role of alternative systems of medicine in care of cancer patients 10. Appreciate the legal & ethical issues relevant to oncology nursing 11. Recognize and manage Oncological emergencies 12. Counsel the patients with cancer and their families 13. Incorporate evidence based nursing practice and identifies the areas of research in the field of oncology nursing 14. Recognize the role of oncology nurse practitioner as a member of oncology team 15. Collaborate with other agencies and utilize resources in caring for cancer patients. 16. Teach and supervise nurses and allied health workers. 17. Design a layout and develop standards for management of oncology units/hospitals and nursing care.
	16MSN202 D	<p>MEDICAL SURGICAL NURSING (NEURO SCIENCES NURSING) CLINICAL SPECIALITY – II</p>	<ol style="list-style-type: none"> 1. Appreciate trends and issues related to neurology and neurosurgical Nursing. 2. Review the anatomy and physiology of nervous system 3. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of patients with neurological and neurosurgical disorders 4. Perform neurological assessment and assist in diagnostic procedures 5. Describe the concepts and principles of neuroscience nursing 6. Describe the various drugs used in neurosciences and nurses responsibility 7. Assist in various therapeutic and surgical procedures in neuroscience nursing 8. Demonstrate advance skills/competence in managing patients with neurological and neurosurgical disorder following nursing process approach

			<ol style="list-style-type: none"> 9. Identify psychosocial problems of patients with disabilities and assist patients and their family to cope with emotional distress, spiritual, grief and anxiety 10. Participate in preventive, promotive and rehabilitative services for neurological and neurosurgical patients. 11. Explain the legal and ethical issues related to brain death, organ transplantation and practice of neuroscience nursing 12. Incorporate evidence based nursing practice and identifies the areas of research in the field of neuroscience nursing 13. Organise and conduct in-service education program for nursing personnel. 14. Develop standards of care for quality assurance in neuroscience nursing practice 15. Identify the sources of stress and manage burnout syndrome among health care providers. 16. Teach and supervise nurses and allied health workers. 17. Plan and develop physical layout of neuro intensive care unit
	16MSN202 E	MEDICAL SURGICAL NURSING (NEPHRO - UROLOGY NURSING) CLINICAL SPECIALITY – II	<ol style="list-style-type: none"> 1. Appreciate trends and issues related to nephro and urological nursing 2. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of nephro and urological conditions 3. Perform physical, psychosocial & spiritual assessment 4. Assist in various diagnostic, therapeutic and surgical interventions 5. Provide comprehensive nursing care to patients with nephro and urological conditions 6. Describe the various drugs used in nephro and urological conditions and nurses responsibility 7. Demonstrate skill in handling various equipments/gadgets used for patients with nephro and urological conditions 8. Appreciate team work & coordinate activities related to patient care. 9. Practice infection control measures. 10. Identify emergencies and complications & take appropriate measures 11. Assist patients and their family to cope with

			<p>emotional distress, grief, anxiety and spiritual needs</p> <ol style="list-style-type: none"> 12. Discuss the legal and ethical issues in nephro and urological nursing 13. Identify the sources of stress and manage burnout syndrome among health care providers 14. Appreciate the role of alternative system of medicine in the care of patient 15. Incorporate evidence based nursing practice and identify the areas of research in the field of nephro and urological nursing 16. Teach and supervise nurses and allied health workers. 17. Design a layout of kidney transplant unit and dialysis unit 18. Develop standards of nephro urological nursing practice
16MSN202 F		<p>MEDICAL SURGICAL NURSING (ORTHOPEDIC NURSING) CLINICAL SPECIALITY – II</p>	<ol style="list-style-type: none"> 1. Appreciate the history and developments in the field of orthopedic nursing 2. Identify the psycho-social needs of the patient while providing holistic care. 3. Perform physical and psychological assessment of patients with orthopedic conditions and disabilities. 4. Describe various disease conditions and their management 5. Discuss various diagnostic tests required in orthopedic conditions 6. Apply nursing process in providing care to patients with orthopedic conditions and those requiring rehabilitation. 7. Recognize and manage orthopedic emergencies. 8. Describe recent technologies and treatment modalities in the management of patients with orthopedic conditions and those requiring rehabilitation. 9. Integrate the concept of family centered, long term care and community based rehabilitation to patients with orthopedic conditions. 10. Counsel the patients and their families with orthopedic conditions 11. Describe various orthotic and prosthetic appliances 12. Appreciate the legal and ethical issues pertaining to patients with orthopedic conditions and those requiring rehabilitation. 13. Appreciate the role of alternative system of medicine in care of patients with orthopedic

			<p>conditions</p> <ol style="list-style-type: none"> 14. Incorporate evidence based nursing practice and identifies the areas of research in the field of orthopedic nursing. 15. Recognize the role of orthopedic nurse practitioner and as a member of the orthopedic and rehabilitation team. 16. Teach orthopedic nursing to undergraduate students and in-service nurses. 17. Prepare a design and layout of orthopedic and rehabilitative units.
16MSN202 G	MEDICAL SURGICAL NURSING (GASTRO ENTEROLOGY NURSING) CLINICAL SPECIALITY – II		<ol style="list-style-type: none"> 1. Appreciate trends and issues related to gastroenterology nursing 2. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of gastrointestinal conditions 3. Participate in national health programs for health promotion, prevention and rehabilitation of patients with gastrointestinal conditions 4. Perform physical, psychosocial & spiritual assessment 5. Assist in various diagnostic, therapeutic and surgical procedures 6. Provide comprehensive care to patients with gastrointestinal conditions 7. Describe the various drugs used in gastrointestinal conditions and nurses responsibility 8. Demonstrate skill in handling various equipments/gadgets used for patients with gastrointestinal conditions 9. Appreciate team work & coordinate activities related to patient care. 10. Practice infection control measures. 11. Identify emergencies and complications & take appropriate measures 12. Assist patients and their family to cope with emotional distress, grief, anxiety and spiritual needs 13. Discuss the legal and ethical issues in GE nursing 14. Identify the sources of stress and manage burnout syndrome among health care providers 15. Appreciate the role of alternative system of medicine in care of patient 16. Incorporate evidence based nursing practice and identify the areas of research in the field of gastrointestinal nursing 17. Teach and supervise nurses and allied health

			workers. 18. Design a layout of Gastro-entriology intensive care unit (GEICU), liver care/transplant unit
3	16MSN203	OBSTETRIC AND GYNECOLOGICAL NURSING CLINICAL SPECIALITY – II	<ol style="list-style-type: none"> 1. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of women with obstetric and gynaecological conditions 2. Perform physical, psychosocial, cultural & spiritual assessment 3. Demonstrate competence in caring for women with obstetrical and gynaecological conditions 4. Demonstrate competence in caring for high risk newborn. 5. Identify and Manage obstetrical and neonatal emergencies as per protocol. 6. Practice infection control measures 7. Utilize recent technology and various diagnostic, therapeutic modalities in the management of obstetrical, gynaecological and neonatal care. 8. Demonstrate skill in handling various equipments/gadgets used for obstetrical, gynaecological and neonatal care 9. Teach and supervise nurses and allied health workers. 10. Design a layout of speciality units of obstetrics and gynecology 11. Develop standards for obstetrical and gynaecological nursing practice. 12. Counsel women and families 13. Incorporate evidence based nursing practice and identify the areas of research in the field of obstetrical and gynaecological nursing 14. Function as independent midwifery nurse practitioner
4	16MSN204	PEDIATRIC (CHILD HEALTH) NURSING CLINICAL SPECIALITY – II	<ol style="list-style-type: none"> 1. Apply the nursing process in the care of ill infants to pre adolescents in hospital and community. 2. Demonstrate advanced skills/competence in nursing management of children with medical and surgical problems. 3. Recognize and manage emergencies in children. 4. Provide nursing care to critically ill children. 5. Utilize the recent technology and various treatment modalities in the management of high risk children. 6. Prepare a design for layout and describe standards for management of pediatric units/hospitals.

			7. Identify areas of research in the field of pediatric nursing.
5	16MSN205	PSYCHIATRIC (MENTAL HEALTH) NURSING CLINICAL SPECIALITY – II	<ol style="list-style-type: none"> 1. Apply the nursing process in the care of patients with mental disorders in hospital and community 2. Demonstrate advanced skills/competence in nursing management of patients with mental disorders 3. Identify and care for special groups like children, adolescents, women, elderly, abused and neglected, people living with HIV/AIDS. 4. Identify and manage psychiatric emergencies. 5. Provide nursing care to critically ill patients with mental disorders 6. Utilize the recent technology and various treatment modalities in the management of patients with mental disorders 7. Demonstrate skills in carrying out crisis intervention. 8. Appreciate the legal and ethical issues pertaining to psychiatric nursing. 9. Identify areas of research in the field of psychiatric nursing. 10. Prepare a design for layout and describe standards for management of Psychiatric units/emergency units/hospitals 11. Teach psychiatric nursing to undergraduate students & in-service nurses.
4	16MSN206	COMMUNITY HEALTH NURSING CLINICAL SPECIALITY – II	<ol style="list-style-type: none"> 1. Appreciate trends and issues related to community health Nursing reproductive and child health, school health, Occupational health, international health, rehabilitation, geriatric and mental health. 2. Apply epidemiological concepts and principles in community health nursing practice 3. Perform community health assessment and plan health programmes 4. Describe the various components of Reproductive and child health programme. 5. Demonstrate leadership abilities in organizing community health nursing services by using inter-sectoral approach. 6. Describe the role and responsibilities of community health nurse in various national health and family welfare programmes 7. Participate in the implementation of various national health and family welfare programme 8. Demonstrate competencies in providing family

			<p>centered nursing care independently</p> <ol style="list-style-type: none">9. Participate/Conduct research for new insights and innovative solutions to health problems10. Teach and supervise nurses and allied health workers.11. Design a layout of sub center/Primary health center/Community health centre and develop standards for community health nursing practice.
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