NURS 1111 FOUNDATIONS OF NURSING
Introduction to the nursing profession and its historical evolution. Emphasis on the principles of the conceptual frame and the concepts of the Program. Includes the ethical, legal and moral aspects based on the practice standards. Discussion of the nursing process for adult care with common interferences in the functional health patterns that support physical processes. Integration of the principles and basic concepts of growth and development psychophysiological aspects, considering cultural diversity within a safe environment. Corequisites NURS. 1112, 1130.

NURS 1112 PRACTICE OF FUNDAMENTALS OF NURSING
Application of the nursing process in the care of adults with common dysfunctions in the functional health patterns that support physical functioning. Beginning of the development of clinical skills to perform in the areas of competence as care providers. Requires a total of 90 hours of laboratory in diverse scenarios. Corequisite: NURS 1111.

NURS 1130 PHARMACOLOGICAL ASPECTS IN NURSING
Discussion of relevant aspects of the study of the pharmacology including the biochemical, physiological, research and legal aspects. Use of the principles and skills of posolgy. Application of the nursing process in medication administration. Requires 45 hours of lecture and 30 hours of open presential lab. Corequisite: NURS 1111.

NURS 1231 FUNDAMENTALS OF ADULT CARE I
Discussion of the acute and chronic dysfunctions of health related to functional health patterns: perception and health management, nutritional-metabolic and elimination. Includes anatomical, physiopathological, microbiological, biochemical and environmental concepts that affect human functioning. Integration of communication, administration, care management, research and the nursing process skills for client care. Prerequisites: NURS 1111, 1112, 1130. Corequisite: NURS 1232.

NURS 1232 PRACTICE OF ADULT CARE I

NURS 2141 FUNDAMENTALS OF MATERNAL-NEONATAL CARE
Description of the evolution of maternal-neonatal nursing integrating the principles of the conceptual framework. Discussion of anatomical, biochemical, physiopsycological and pathological changes that affect the integral functioning of the client, before, during and after childbirth, including the normal new born during the early neonatal stage. Use of the nursing process in the study of the appropriate changes in the stages and health dysfunctions. Prerequisite: NURS 1231. Corequisites: NURS 2142, 2233.

NURS 2142 PRACTICE IN MATERNAL-NEONATAL CARE
Application of the nursing process using the functional patterns of health in the care of clients during pregnancy, childbirth and pos childbirth. The care of the normal new born is included during the early neonatal stage. Requires a total of 60 hours of clinical practice in diverse scenarios. Prerequisites: NURS 1231, 1232. Corequisites: NURS 2141, 2233, 2234.
NURS 2233 FUNDAMENTALS OF ADULT CARE II
Discussion of the acute and chronic health dysfunctions related to the functional health patterns: activity-exercise, cognitive-perceptual and sexual reproduction. Includes anatomical, physiopathological, microbiological, biochemical and environmental concepts that affect the adult human functioning. Integration of communication, care management, research, and the nursing process skills and the nursing process in client’s care. Prerequisite: NURS 1231. Corequisites: NURS 2141, 2142.

6 credits

NURS 2234 PRACTICE OF ADULT CARE II

2 credits

NURS 2351 FUNDAMENTALS OF PEDIATRIC CARE
Discussion of the essential aspects in client care from the late normal neonatal stages to adolescence. Analysis of the dysfunctions in the functional patterns of health by using the nursing process. Use of the physiopathological and environmental concepts and the conceptual framework of curriculum. Prerequisites: NURS 2141, 2142, 2233. Corequisites: NURS 2352, 2361, 2362, 2970.

3 credits

NURS 2352 PRACTICING PEDIATRIC CARE
Application of the nursing process in client care from the normal neonatal stages to adolescence. Emphasis on the management of dysfunctions affecting the functional health patterns using the concepts of curriculum as a framework. Requires 60 hours of clinical practice in diverse scenarios. Prerequisite: NURS 2234. Corequisites: NURS 2351, 2361, 2362, 2970.

2 credits

NURS 2361 FUNDAMENTALS OF PSYCHOSOCIAL CARE
Discussion of theoretical models, principles and concepts of psychosocial nursing. Description of psychosocial dysfunctions of the adult using the nursing process as a framework. Includes neuroanatomy, neuropsychology, ethical-legal, research and communication concepts. Prerequisites: NURS 2233, 2141. Corequisites: NURS 2351, 2362 and 2970.

3 credits

NURS 2362 PRACTICE OF PSYCHOSOCIAL CARE
Application of the nursing process, theoretical models, principles and concepts in psychosocial care of the adult. Practice of the skills of therapeutic communication in interventions. Requires a total of 60 hours of clinical practice in diverse scenarios. Prerequisites: NURS 2142, 2234. Corequisites: NURS 2352, 2361, 2970.

2 credits

NURS 2970 TRANSITION SEMINAR
Discussion of essential aspects of student transition to the labor environment. Analysis of the trends and controversies that impact health care. Review of the ethical-legal, technological and scientific implications, professional values and social and economic influences in the exercise of the profession. Development of strategies for taking the board examination. Prerequisites: NURS 2233, 2141. Corequisites: NURS 2351, 2352, 2361, 2362.

1 credit

NURS 3100 DIMENSIONS OF PROFESSIONAL PRACTICE
Analysis of the competence areas: care provider and coordinator, and member of the discipline from the professional dimension. Includes the concepts: humanistic care, ethical-legal responsibility and the nursing process. Emphasis on health education, leadership and management that facilitate dealing with changes in the health care systems and the nursing practice. Corequisites: NURS 3120 and 3115, or have an Associate Degree in Nursing.
NURS 3115 INTRODUCTION TO THE NURSING RESEARCH PROCESS

3 credits

NURS 3120 HEALTH ASSESSMENT
Application of knowledge and skills for a comprehensive health assessment of the client throughout the life cycle. Emphasis on the compilation and organization of data by means of the physical examination and diagnostic reasoning. Requires 30 hours of lecture and 60 hours of closed presential lab. Corequisites: NURS 3100, 3115

3 credits

NURS 3140 INTERVENTION IN PSYCHOSOCIAL TRANSITIONS
Analysis of the trends, theories and concepts that influence the practice of the psychosocial nursing professional. Review of professional nursing interventions that apply to the psychosocial care of individuals, families, groups and vulnerable populations or with persons with dysfunctions in functional health patterns. Integration of communication, ethical-legal, moral spiritual principles and research findings. Corequisites: NURS 3190, 4911.

4 credits

NURS 3180 NURSING PROCESS WITH THE HIGH RISK NEWBORN
Study of the conditions presented by the high risk neonatal. Discussion of ethical, legal, and moral aspects, humanistic principles and those of the nursing profession that should be taken into consideration when intervening with this population. The student will be exposed to reading, interpreting, and identifying the dysrhythmias that the child can present in a Neonatal Intensive Care Unit (NICU). Emphasis on nursing interventions in the different diagnosis, treatment, dosage, ventilation, mechanical and cardiovascular resuscitation tests.

2 credits

NURS 3190 PROFESSIONAL INTERVENTION DURING THE LIFE CYCLE
Analysis of the nursing process as a tool of the professional with emphasis on therapeutic and diagnostic reasoning for decision-making in professional interventions. Review of interventions at the prevention levels when managing human responses in the most common health-illness situations. Includes the ethical-legal concepts and research findings. Requires 30 hours of pediatric content and 30 hours of adult content. Prerequisites: NURS 3100, 3115, 3120. Corequisites: NURS 3140, 4911.

3 credits

NURS 4180 NURSING CARE OF FAMILY AND COMMUNITY
Analysis of selected theories and concepts that facilitate the study of the family as an integral part of the client community. Includes the review of the principles and concepts of epidemiology, biostatistics and demography of public health. Discussion of the nursing process for family and community care with emphasis on the promotion of health and well-being. Ethical-legal, humanist and research concepts. Study of the nursing professional’s roles in a culturally diverse community. Prerequisites: NURS 3140, 3190. Corequisite NURS 4914.

4 credits

NURS 4190 PHYSIOPATHOLOGY IN ALTERED FUNCTIONAL PATTERNS
In-depth study of the physiopathological processes that cause or are related to selected alterations in functional health patterns throughout the life cycle and their interrelation. In-depth study of factors contributing to functional alterations, including pathogenic effects produced in an individual’s interaction with the environment.

3 credits

NURS 4230 DIVERSE TOPICS
Basic knowledge of organization, integration and reinforcements of content related to care for the following clients: adults, infants, children and adolescents, pregnant women, family and community. Emphasis on mental health clients.

3 credits
NURS 4240 ADMINISTRATION AND SUPERVISION OF NURSING SERVICES
Interpretation of concepts related with management communication between the administrators, supervisors, and collaborators. An integration of the administration, leadership, and total quality concepts in clinical situations. Emphasis on the role of the nursing administrator during the organization of services, decision-making, and assignment of personnel.
3 credits

NURS 4911 PRACTICE IN PROFESSIONAL INTERVENTIONS DURING THE LIFE CYCLE
Application of the nursing process with emphasis on therapeutic and diagnosis reasoning for decision making in professional interventions. Emphasis on the levels of prevention for the management of human responses in the most common chronic dysfunctions. Integrated application of the principles and concepts of communication, health education, ethical-legal, research, leadership and management. Requires a total of 45 hours of clinical practice with the pediatric client and 45 hours with the adult client in diverse scenarios. Prerequisites: NURS 3100, 3115, 3120. Corequisites: NURS 3140 and 3190.
3 credits

NURS 4914 PRACTICE IN NURSING CARE TO THE FAMILY AND COMMUNITY
Application of the nursing process in the humanist care of family and groups as integrated part of the community as client. Integration of concepts and theories that serve as base of the nursing practice with the family and community. Use of public health concepts, epidemiology, biostatistics, demography and community nursing in the intervention with family and community. Demonstration of planning, coordination, leadership and educational skills in the implementation of intervention strategies. Application of ethical-legal principles and research findings in undertaking the roles of the nursing profession in promoting health and well-being. Requires 120 hours of clinical practice in diverse scenarios. Prerequisite: NURS 4911. Corequisite: NURS 4180.
4 credits

NURS 4980 INTEGRATED WORKSHOP
Integration of knowledge, skills and attitudes in the selection of professional intervention strategies for the processes of problem solving and decision making practice in simulated situations in different scenarios. Use of the scenario categories for effective and safe care, maintenance and promotion of health, and of psychosocial and physiological integration as a frame of reference in intervention with clients. Requires 30 hours of seminar and 90 hours of clinical practice in diverse scenarios. Prerequisite: NURS 4914, in case the student is a candidate for graduation in the current academic term, this course may be offered concurrently with NURS 4180 and 4914.
4 credits