

FOR UNDERGRADUATE PATHWAY

The FCHS Bachelor of Science in Nursing has been re-designed with a new four-year program which is **127 credit hours** approved in June 2019 by the CAA. The Nursing program courses are categorized as below:

| Course category | Credit |
|---|------------|
| General Education Requirement (GER) | 24 |
| College Core Requirement (CCR) | 16 |
| College Elective Requirement (CER) | 3 |
| Major Core Requirements (MCR) | 78 |
| Major (Nursing)Elective Requirements (MER) | 6 |
| Total | 127 |

1. General Education Requirements (GER) & its Course Descriptions:

Students will take 8 general education courses in the Sciences and Humanities (**24 credit hours**) in addition to other introductory major courses to gain an understanding of basic concepts, methods and theories, in nursing.

| # | Course Code | Course Title | Credit Hours |
|--------------|-------------|---------------------------------|--------------|
| 1. | GRD161 | Academic Writing 1 | 2 |
| 2. | GRD101 | Biology Theory | 3 |
| 3. | GRD102 | Biology Lab | 1 |
| 4. | GRD133 | Foundations of Health | 3 |
| 5. | GRD271 | Islamic Studies | 3 |
| 6. | GRD171 | Introduction to Psychology | 3 |
| 7. | GRD151 | Calculus for Life Sciences | 3 |
| 8. | GRD251 | Introduction to Biostatistics | 3 |
| 9. | GRD 301 | Innovation and Entrepreneurship | 3 |
| Total | | | 24 |

GER COURSE DESCRIPTION

[Refer GRD site for further information](#)

2. College Core Requirements (CCR) & its Course Descriptions:

These are courses that provide a foundation for the FCHS college education. The core curriculum at FCHS provides a strong scientific background that serve as prerequisites for all upper-level FCHS courses.

It is mandatory for all students from all majors to enroll in the courses mentioned below in order to complete 16 **Credit Hours**.

| # | Course code | Course Name | Credit Hours |
|-------|---------------|------------------------------|--------------|
| 1. | GRD 261 | Academic Writing 2 | 2 |
| 2. | BSN 312 | Research Methodology | 3 |
| 3. | GRD 111 & 112 | Anatomy & Physiology A + Lab | 3 + 1 |
| 4. | GRD 121 & 122 | Anatomy & Physiology B + Lab | 3 + 1 |
| 5. | BSN410 | Research Capstone Project | 3 |
| 6. | GRD 100 | First Year Seminar | Pass/Fail |
| Total | | | 16 |

CCR COURSE DESCRIPTIONS

GRD261- Academic Writing 2

Co-Requisite: None

Pre-Requisite: GRD161

GRD261, Academic Writing 2 builds on GRD161 and will continue to develop reading academic texts, writing academic essays, using academic conventions and language appropriately, and demonstrate information literacy skills. In addition, students will develop the skills of quoting, summarizing and paraphrasing when reviewing and evaluating research literature. Finally, students will gain valuable 21st century literacies related to the language of

persuasion, oral communication and the use of basic technological tools.

BSN312- Research Methodology

Co-Requisite: None

Pre-Requisite: GRD261

This course will provide an opportunity for health sciences students to establish or advance their understanding of research terminology in the health sciences. The course adopts an inquiry-based approach to make explicit the language conventions and ethics related to the health sciences field.

Therefore, the course introduces the language of research, ethical principles and challenges within quantitative, qualitative, and mixed methods approaches. Students will use these theoretical terminologies to critically review health science related literature and will determine how research findings are useful in forming their understanding of the global, local, social and work contexts.

GRD111 - Anatomy & Physiology A

Co-Requisite: GRD112

Pre-Requisite: None

Anatomy and Physiology A is the first of a two-course sequence. In this course, system-based approach is used to study the structure and function of human body including, tissues and organs. Emphasis is on understanding the mechanism for maintaining homeostasis and the use of anatomical terminology. Structural and functional concepts enforced each organ and organ systems. Topics include the study of tissues, the integumentary system, the musculoskeletal system, the nervous system and the endocrine system. Students are expected to utilize their reading to extend their depth of understanding, participate effectively in class, problem solving skills and critical analysis.

GRD112 - Anatomy & Physiology A Lab

Co-Requisite: GRD111

Pre-Requisite: None

The Anatomy and Physiology A Lab is the first of two lab courses. It consists of practical components of anatomy and physiology. The structure and function of the cells, tissues, organs and systems of the human body will be studied by laboratory experiments, inspection of human models, the Anatomage

table, animal organ dissections and observation of histological slides.

GRD121 - Anatomy & Physiology B

Co-Requisite: GRD122

Pre-Requisite: GRD111

Anatomy and Physiology B is the second of the two-course sequence. The course is a continuation of the knowledge gained in Anatomy and Physiology A. System based approach is used to study the structure and explore the function of human body including the body organ and organ systems. Topics include the study of cardiovascular system, blood, lymphatic system, immune system, respiratory system, digestive system, urinary system and electrolyte and fluid balance and pH, and finally male and female reproductive systems with a look through the embryonic development. Emphasis is placed on the integration of systems as they relate to normal health. Again, students will be expected to utilize their reading to extend their depth of understanding, communicate effectively, do problem solving and make critical analysis.

GRD122 - Anatomy & Physiology B Lab

Co-Requisite: CCR 121

Pre-Requisite: GRD112

The Anatomy and Physiology B Lab is the second of two lab courses. It consists of practical components of anatomy and physiology. The cardiovascular, lymphatic, immune, respiratory, digestive, urinary, male and female reproductive systems and electrolyte and fluid balance of the human body will be examined by laboratory experiments, inspection of human models, the Anatomage table, animal organ dissections and observation of histological slides.

BSN410 – Research Capstone Project**Co-Requisite:** None**Pre-Requisite:** BSN312

This course provides the opportunity to apply knowledge and skills of the research process and evidence based practice to clinical nursing practice or health service delivery. Through a combination of leading lectures, group and individual learning activities with a designated supervisor, students will be guided to select an aspect of their clinical practice or service delivery that requires improvement and/or lacks a solid evidence base. This requires a review of the related literature and formulation of a scientific research proposal to investigate the chosen phenomenon.

GRD100 - First Year Seminar**Co-Requisite:** None**Pre-Requisite:** None

Advising involves both the development and communication of accurate information regarding degree programs, courses, resources, College policies and career opportunities intended to help students in attaining their educational goals. Academic advising, effectively delivered, can be a powerful influence on students' development and learning and, as such, can be a potent retention force on campus. (Crockett, 1996). FCHS first year seminar will provide guidance for students, influence their development, promote retention, build relationships within the College and identify services that can guide students clarify both their career and life goals. The seminar series are centered on instructional services that go beyond academic interests and thus we promote a caring attitude and helping students adjust to college life.

3. College Elective Requirements (CER) & its Course Descriptions:

Students will select **one** course from another discipline to complete a minimum of **3 credit hours**. Students will choose from a variety of College Elective Courses (CER) offered by all the programs at FCHS.

| # | Course code | Course Name | Credit Hours |
|--------------|-------------|---|--------------|
| 1. | PTY500 | Personal and Professional Development | 3 |
| 2. | RMI510 | Principles of Clinical Imaging | 3 |
| 3. | HP530 | Communication Skills for Healthcare Professionals | 3 |
| 4. | GRD540 | Health Informatics | 3 |
| 5. | GRD550 | Health and Nutrition | 3 |
| 6. | GRD560 | Astronomy | 3 |
| 7. | GRD570 | Science and Technology Evolution | 3 |
| Total | | | 3 |

CER COURSE DESCRIPTIONS

PTY500 – Personal and Professional Development

Course Co-Requisite: None

Course Pre-Requisite: None

In this course, students will develop personal attributes and related skills to foster transition from student to practice. Students will be introduced to the concept of self-care, personal ethics, healthy lifestyle, communication skills and skills in teamwork. The development of clinical effectiveness and inter-professional functioning is supported through reflective practice, stress management, relaxation training and coping skills.

In addition, students will explore broad society and population issues that affect health care and the practice of health care professions. This includes developing an understanding of the legal, ethical and regulatory framework in which health professionals work and the concepts of professional self-regulation. Students will also be introduced to and have direct experience (through the clinical placement) of the role of each of the various health professionals within the UAE Healthcare System.

RMI510 – Principles of Clinical Imaging

Course Co-Requisite: None

Course Pre-Requisite: None

This is an elective course for health science disciplines to introduce them to medical radiation sciences. This course will cover topics related to the types of radiations used in hospitals to diagnose different types of diseases. Basic mechanism of radiation

production, imaging procedures and image visualization will be covered. At the end of this course, student is expected to have a general and basic knowledge of imaging science.

HP530 – Communication Skills for Healthcare Professionals

Course Co-Requisite: None

Course Pre-Requisite: None

This course will provide the foundation of knowledge specific to communication techniques relevant to the allied health profession. In this course you will learn about the communication principles and practices that healthcare providers need to effectively communicate with patients, family members, health care providers and other professions.

The major themes of study are the basic principles of communication, therapeutic communications, communication patterns, ethics and healthcare communications and advanced issues in communication. Topics include health communications; therapeutic communications; cultural considerations; principles of human connection; reflections and interpretations; patient-centered communications; family dynamics; systems of care and ethics.

GRD540 – Health Informatics

Course Co-Requisite: None

Course Pre-Requisite: None

This course aims to introduce common first year students to basic information in health informatics concepts: the study of how health data are collected, stored, processed, and used

to support the process of health care delivery. It prepares students to

The course offers an overview of the field of health informatics by providing students with the fundamental knowledge of the concepts of health informatics and how technology is used in the delivery of effective health care. Student will also gain an understanding of the challenges encountered in Healthcare Informatics

GRD550 – Health and Nutrition

Course Co-Requisite: None

Course Pre-Requisite: None

This course will introduce students to essentials of human nutrition and its relationship with health. Students will learn in this course about the different nutrients important for health, and dietary guidelines towards good health. Finally, the course draws on global health promotion that will enable students to apply the underpinning of a healthy and active lifestyle within a Middle East context.

GRD560 – Astronomy

Course Co-Requisite: None

Course Pre-Requisite: None

This course is designed to emphasize the important fundamental concepts in astronomy. It offers mainly an *overview of the structure, formation, and evolution of planets, stars, galaxies, and the Universe*. The students will learn about the Solar System which contains the Sun, the planets Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune, and Pluto. With over 400 billion stars burning steadily, students will get to know that we are in the Milky Way which is just a typical Galaxy in one of the universes in the space. Moreover, they will be

updated on the dark matter mainly composed of dark energy that is causing the universe to expand and to accelerate.

In this elective course, students will have hands on large-scale systems from the astrophysics field. For example, they will be able to work with big standard scientific notations and estimate relative scales. This would have a great impact on their carrier and would give them the chance to discover other healthcare professional profiles.

GRD570 – Science and Technology Evolution

Course Co-Requisite: None

Course Pre-Requisite: None

This course will be useful for health care students to provide them with basic knowledge about how science and technology have evolved over time. Scientists' accomplishments will be presented to students with a focus on the importance of their discoveries and its impact on civilization especially in the health sector. Additionally, the course will highlight the contribution of Arab and Muslim scientists especially in the health field which provided the foundation for current health knowledge.

4. Major Core Requirements (MCR) & its Course Descriptions:

Students must complete all courses (78 credits) mentioned in this table:

| # | Course Code | Course name | Credits |
|-----|-------------|---|---------|
| 1. | GRD211 | Applied Biochemistry | 3 |
| 2. | BSN112 | Applied Microbiology and Infection Control Practices | 3 |
| 3. | BSN111 | Applied Nutrition for Nurses | 3 |
| 4. | BSN210 | Clinical Pharmacology | 3 |
| 5. | BSN211 | Clinical Health Assessment in Nursing – Theory | 3 |
| 6. | BSN220 | Clinical Health Assessment in Nursing – Lab | 3 |
| 7. | BSN212 | Fundamentals of Nursing – Theory | 3 |
| 8. | BSN221 | Fundamentals of Nursing – Lab | 3 |
| 9. | BSN213 | Pathophysiology | 3 |
| 10. | BSN214 | Adult Medical Surgical Nursing 1 – Theory | 3 |
| 11. | BSN231 | Adult Medical Surgical Nursing 1 – Clinical | 3 |
| 12. | BSN215 | Maternity Nursing – Theory | 3 |
| 13. | BSN232 | Maternity Nursing – Clinical | 3 |
| 14. | BSN217 | Gerontology Nursing | 3 |
| 15. | BSN310 | Pediatric Nursing – Theory | 3 |
| 16. | BSN330 | Pediatric Nursing – Clinical | 3 |
| 17. | BSN311 | Adult Medical Surgical Nursing 2 – Theory | 3 |
| 18. | BSN331 | Adult Medical Surgical Nursing 2 – Clinical | 3 |
| 19. | BSN313 | Mental Health Nursing – Theory | 3 |
| 20. | BSN332 | Mental Health Nursing – Clinical | 3 |
| 21. | BSN314 | Leadership and Management for Health Professionals – Theory | 3 |
| 22. | BSN315 | Community Nursing – Theory | 3 |
| 23. | BSN333 | Community Nursing – Clinical | 3 |
| 24. | BSN430 | Consolidated Clinical Practice | 3 |
| 25. | BSN411 | Critical Care Nursing – Theory | 3 |

| | | | |
|--------------|--------|----------------------------------|-----------|
| 26. | BSN431 | Critical Care Nursing – Clinical | 3 |
| Total | | | 78 |

MCR COURSE DESCRIPTIONS

GRD 211 Applied Biochemistry

Co-Requisite: None

Pre-Requisite: None

This three-credit hour course is mandatory for nursing students. The course is designed to introduce nursing students to biochemistry via reviewing general and organic chemistry, covering the basic concepts of structures and functions of macromolecules, discussing basic information of enzymes including their mechanisms of action and regulation, the critical cofactor critical for enzyme function, and their use in the clinic, describing major metabolic pathways, and presenting main concepts of molecular biology and its technologies.

BSN112 Applied Microbiology and Infection Control Practices

Co-Requisite: None

Pre-Requisite: None

This course introduces students to basic microbiology and immunology with a focus on biomedical aspects and human health appropriate for students in fields of allied health. Topics covered include an introduction to the classification, morphology and physiology of microorganisms, primarily organisms that can cause human pathology, such as bacteria, viruses, fungi, protozoans, parasites, and worms; the body's immune response and mechanisms of defense at the cellular and humoral (molecular) level will be covered in the context of pathogenic organisms, tissue transplants, and autoimmune disease.

BSN111 Applied Nutrition for Nurses

Co-Requisite: None

Pre-Requisite: None

This course introduce nursing students to the interrelationships among nutrition, food and the environment as they impact health status. Emphasis is placed on the multiple factors that influence food intake. The role and function of nutrients in health promotion and wellness throughout the life cycle (maternal and infant nutrition) will be discussed. Fundamentals related to nutrients & energy with respect to digestion, absorption, metabolism, functions, dietary sources, diseases of malnutrition and requirements throughout the life cycle; assessment of nutritional status, formulation and planning diets, nutrition, counseling, and use of therapeutic diets in the management of common diseases of different body systems & selected chronic diseases of affluence.

BSN210 Clinical Pharmacology

Co-Requisite: None

Pre-Requisite: GRD211

This course will focus on the basic principles of pharmacology including pharmacokinetics and pharmacodynamics and will discuss all drugs affecting different systems of the body, their pharmacological actions, mechanism of action, clinical uses, major side effects and important drug-drug interaction with emphasis on nursing applications of such drugs.

BSN211 Clinical Health Assessment in Nursing – Theory

Co-Requisite: BSN220

Pre-Requisite: GRD121 and GRD122

This course is designed to develop students' knowledge and skills necessary to perform a comprehensive health assessment utilizing the skills of history taking, inspection, palpation, percussion, and auscultation. Using a system approach will help students to develop an understanding of the core concepts that underpin a health assessment. Normal assessment findings, frequently seen variations from normal and cultural differences are discussed.

BSN220 Clinical Health Assessment in Nursing – Lab

Co-Requisite: BSN211

Pre-Requisite: GRD121 and GRD122

This course focuses on normal findings and common deviation from normal of each of the major body systems. The students will be provided opportunity to practice health assessment skills in the faculty of nursing laboratories. This course helps students to develop the skills and techniques required to perform health assessment as a first step of the nursing process and the ability to recognize the normal findings and the deviation from normal. Students will undertake three laboratory hours per week, for 15 weeks. The focus will be on an individual assessment.

BSN212 Fundamentals of Nursing – Theory

Co-Requisite: BSN221 and BSN230

Pre-Requisite: GRD121 and GRD122

This course shall provide the students with the necessary knowledge and competencies to meet the needs of individuals throughout their lifespan using the nursing process. Emphasis is placed on physiological, psychological, social, cultural and spiritual factors contributing to the well-being of the individual and family. Students will identify the need for fundamentals of nursing to be pro-active, responsive and therapeutic. This course aims to develop a beginning level of understanding, practice, application and evaluation of core nursing concepts.

BSN221 Fundamentals of Nursing – Lab

Co-Requisite: BSN212 and BSN230

Pre-Requisite: GRD121 and GRD122

This clinical course is designed to provide the student with laboratory guided experiences with emphasis on the student's independent learning that will assist her/him to master the basic nursing skills. These skills are presented according to the functional health patterns in parallel with knowledge provided to the students in the theory course, in order to prepare the students to implement holistic care modalities in the clinical settings.

BSN213 Pathophysiology

Co-Requisite: BSN214

Pre-Requisite: GRD121 and GRD122

This course focuses on the physiological changes that occur as a result of internal and external environmental stressors and pathological responses of the body that lead to the appearance of the signs and symptoms of the disease in response to these changes. This course reviews the concepts and fundamentals of the most common health problems. The content focuses on the special health needs over individual's life.

BSN214 Adult Medical Surgical Nursing 1 – Theory

Co-Requisite: BSN231

Pre-Requisite: GRD221, BSN210, BSN211, BSN220, BSN212, BSN221, BSN230

This course is sequel to the Introduction to Adult Medical Surgical Nursing course. It introduces students to the conditions that affect the functional health patterns of an adult patient. It focuses on the bio-psychosocial responses of adults to actual and high risk conditions that affect their functional health patterns. The nursing process will be used as a framework to formulate nursing diagnoses and identify nursing interventions directed towards

promoting, maintaining and restoring the health of adults and their families.

BSN231 Adult Medical Surgical Nursing 1 – Clinical

Co-Requisite: BSN214

Pre-Requisite: GRD221, BSN210, BSN211, BSN220, BSN212, BSN221, BSN230

This course is an introductory course that introduces nursing students to the basic concepts and practices of Adult Medical surgical nursing 1. This course is aimed at enabling the student to implement the skills and knowledge gained, and keeps track of their performance throughout the clinical posting. By the end of this course, the students are able to successfully fulfill all the clinical objectives included in the clinical workbook. The clinical workbook pertaining to this course contains records of evidences about students' clinical learning experiences, skills and competencies. As a self- directed lifelong adult learner, students are expected to demonstrate high level of responsibility towards utilizing every learning opportunity available at the clinical setting.

BSN215 Maternity Nursing – Theory

Co-Requisite: None

Pre-Requisite: BSN210, BSN211, BSN220, BSN212, BSN221, BSN230

This course is designed to enable undergraduate nursing students to gain knowledge competency relating to the concepts, principles and nursing care of childbearing women and maternity clients in the UAE. It complements the student's learning in the development of nursing practice knowledge and skills in child bearing and maternity settings. The course helps students to acquire knowledge and skills and demonstrate competency in rendering nursing care to women experiencing a normal pregnancy in hospitals. Students develop competency in managing normal neonates and participate in family welfare programs of UAE. The course also provides focus on the

development of an effective nursing/maternal partnership to support optimal physical, emotional, social and ethical care of women and their families in the areas of reproductive health, safe childbearing and effective nursing partnership with the childbearing women and their families.

BSN232 Maternity Nursing – Clinical

Co-Requisite: None

Pre-Requisite: BSN210, BSN211, BSN220, BSN212, BSN221, BSN230

This course provides the clinical component of the Maternity Nursing Course. The course introduces nursing students to the practical aspects of maternity nursing. The course will enable the student to meet the physiological, psychological, cultural and developmental needs of the maternity client. The course content includes normal antenatal, intranatal and postnatal care including care of the newborn. Minor disorders of pregnancy, infertility and family planning will be covered. Nutrition, pharmacology, cultural diversity, critical thinking and health assessment and the application of the nursing process are integrated throughout this course. During the clinical placement, the student will be provided with an opportunity to observe normal delivery, minor obstetric procedures and participate in the provision of care to maternity clients and their newborn babies. This course provides the student with the skills and attitudes needed to provide comprehensive maternity nursing. The course focuses on preparing the student to assist the woman and her family to adapt to parenthood. The course helps the student to explore scientific literature and utilize research findings in planning and providing comprehensive nursing care for patients in maternity care units.

BSN217 Gerontology Nursing

Co-Requisite: None

Pre-Requisite: None

This course provides the theoretical and practical application of nursing needed for working with older adults. Personal beliefs and attitudes will be explored in relation to how they potentially impact upon one's behavior as a practitioner. Both an ageing UAE population and increased client acuity requires a sound knowledge base in these core nursing areas. Healthy and normal ageing will provide an introduction to caring for older adults experiencing a variety of common illness states that span the health continuum from acute and critical illness to chronic illness and end-of-life issues. Adaptive coping will be explored to enhance students' understanding of a range of strategies employed by older adults and their families during altered health states and situations. Individual empowerment in the full range of clinical situations will be emphasized.

BSN310 Pediatric Nursing – Theory

Co-Requisite: BSN330

Pre-Requisite: BSN214

This course will highlight the importance of developing knowledge in working with infants, children, young people and families in a variety of health care settings within a multidisciplinary team environment. It complements the students' learning in research principles and develops their nursing practice and skills for providing evidence based care to children and their families. In addition to infection control practices and building on the prior skills obtained, students will focus on competencies related to caring for a sick child in the Pediatric Unit.

BSN330 Pediatric Nursing – Clinical

Co-Requisite: BSN310

Pre-Requisite: BSN231

This course provides the clinical component of the Pediatric Nursing Course. This course will highlight the importance of developing skills in working with infants, children, young people and families in a variety of health care settings within a multidisciplinary

team environment. It complements the students' learning in research principles and develops their nursing practice and skills for providing evidence based care to children and their families. In addition to infection control practices and building on the prior skills obtained, students will focus on competencies related to caring for a sick child in the Pediatric Unit.

BSN311 Adult Medical Surgical Nursing 2

– Theory

Co-Requisite: BSN331

Pre-Requisite: BSN214

This course, a sequel to Adult Health Nursing I course. It introduces students to conditions that affect the functional health patterns of adult patients. Emphasis will be placed on the impact of these conditions on an individual's functioning. Students are expected to have skills and knowledge in the process of decision making when providing care for adult clients experiencing critical conditions. The nursing process provides a framework for selected independent, interdependent and dependent nursing interventions including health promotion and lifestyle changes.

BSN331 Adult Medical Surgical Nursing 2

– Clinical

Co-Requisite: BSN311

Pre-Requisite: BSN231

This course aims to expand the students' cognitive, psychomotor, and communicative skills. The students are guided to build on their past experience in the care of adult clients who are experiencing alterations in (metabolic, endocrine, renal, musculoskeletal, infectious diseases, nervous, immunology system, special senses & dermatology). Nursing process will be used to explore the role of the professional nurse in assisting clients to meet the biophysiological and psychosocial needs in different clinical settings. Communication skills, critical thinking, decision making, psychomotor skills, teaching-learning

principles, keeping updated with current literature, and moral principles are emphasized in dealing with selected clients in clinical settings.

BSN313 Mental Health Nursing – Theory

Co-Requisite: BSN332

Pre-Requisite: BSN214

In this course, the student is introduced to basic concepts of psychiatric mental health. The course provides the student with the knowledge base to apply selected theories, concepts and research in the nursing management of mental disorders in service users throughout the life span and in a variety of settings. Continuing themes of growth and development across the life span, therapeutic communications, socio- cultural dimensions, pharmacology, teaching, service user advocacy, and ethical standards are explored. Traditional psychotherapeutic and integrative health therapies are addressed.

BSN332 Mental Health Nursing – Clinical

Co-Requisite: BSN313

Pre-Requisite: BSN231

This course provides the opportunity for students to enhance identifications mental health and mental illness increase and to integrate and apply theory, concepts, and skills relevant to mental health nursing while doing their mental health clinical practicum. United Arab Emirates, cultural contexts, concepts of client, and treatment settings are examined using mental health nursing frameworks. Utilizing clinical practice, students apply theoretical understandings and evidence to practice, considering various clinical settings.

BSN314 Leadership and Management for Health Professionals – Theory

Co-Requisite: None

Pre-Requisite: BSN214

The course focuses on leadership and management concepts within the UAE healthcare systems. Students will explore the

social forces within Emirati healthcare systems, leadership and management theories, and the impact of these forces on the roles of those who are part of the system. Emphasis is on understanding and critiquing core concepts such as organizational structure and culture, organizational change, and conflict resolution. Students will be introduced to human resource management skills such as interviewing techniques, job analysis, and performance appraisal.

BSN315 Community Nursing – Theory

Co-Requisite: BSN333

Pre-Requisite: BSN214

This course provides important insights into nursing and health in the community context. The aim of this course is to introduce students to conceptual knowledge and nursing practice skills required to work with individuals, families and populations in a community setting. A particular focus is working with those from diverse groups, vulnerable populations and those who are at risk. Core concepts include community, the community as a client, social determinants of health, primary health care, health promotion, comparative views of public health, vulnerability and those who are at risk in the community, cultural safety, community development, empowerment and community practice.

BSN333 Community Nursing – Clinical

Co-Requisite: BSN315

Pre-Requisite: BSN231

This course is designed to help the students to gain good broad perspective of community health nursing. The complete health appraisal learned previously is used to guide the concepts of the individuals within the family and the family within the community either in illness or wellness. All concepts of the nursing process within the family and self-care framework are applied. Analysis of roles and interactions of the community health nurse with individual, family and community is to be worked upon. Related topics to the

primary health care aspects and community health will be applied during the course. A particular focus is working with those from diverse groups, vulnerable populations and those who are at risk.

BSN430 Consolidated Clinical Practice

Co-Requisite: BSN411, BSN431

Pre-Requisite: BSN331

This course draws together theoretical and clinical concepts related to legal and ethical responsibilities, quality and safety measures, and decision-making abilities based on knowledge and evidence in care of individuals and families. Under the guidance of a preceptor nurse who works in the clinical area, and in coordination with members from the Faculty of Nursing. In this course, the student will practice nursing to achieve 320 hours of clinical training, in various clinical settings to develop and demonstrate competence in the clinical practice that is congruent with a graduate student level. It is considered a preparatory course that will facilitate the transition from a student to a graduate nurse entering the workplace environment, with focus on nursing concepts that are required to successfully pass the licensure exam of the United Arab Emirates.

BSN411 Critical Care Nursing – Theory

Co-Requisite: BSN431

Pre-Requisite: BSN311

This course is an introductory course that introduces nursing students to the basic concepts and practices of Critical Care Nursing. During presentation of the core critical care knowledge, students will be provided with a strong knowledge base about the critically ill patient. This course provides

the student with the advanced knowledge, attitudes, and skills needed to provide comprehensive nursing care for the patient with critical health conditions. The course focuses on preparing students to assist the patient and his family to adapt to their conditions and achieve the optimal level of care with the minimum disabilities. The nursing process provides a framework in providing nursing care for individuals within physiological health patterns. The course helps the student to explore scientific literature and utilize research findings in planning and providing comprehensive nursing care for patients in critical care units.

BSN431 Critical Care Nursing – Clinical

Co-Requisite: BSN411

Pre-Requisite: BSN331

The course focuses on preparing students to assist the patient and his family to adapt to their conditions and achieve the optimal level of care with the minimum disabilities. The nursing process provides a framework in providing nursing care for individuals within physiological health patterns. During presentation of the core critical care knowledge, students will be provided with a strong knowledge base about the critically ill patient. The knowledge base will include the hemodynamic monitoring, laboratory data interpretation, pharmacological treatments, related pathophysiology, as well as the nursing management of the critically ill. Students will engage in supervised clinical practicum. Hence, students will be allocated to critical care settings and shadowed by a preceptor in that setting. This will provide students the unique opportunity to deliver patient care to the critically ill patient competently under the supervision of the preceptor, and the clinical instructor.

5. Major (Nursing) Elective Requirements (MER) & its Course Descriptions:

The student is required to select 2 courses with a total of 6 credit hours from the major elective courses:

| # | Course Code | Course name | Credits |
|--------------|-------------|------------------------------------|----------|
| 1. | BSN500 | Health Promotion in the UAE | 3 |
| 2. | BSN501 | Growth and Development | 3 |
| 3. | BSN502 | Health law and ethics in UAE | 3 |
| 4. | BSN503 | Nursing Informatics | 3 |
| 5. | BSN504 | Health Education | 3 |
| 6. | BSN505 | Medical Terminologies | 3 |
| 7. | BSN506 | Emergency Nursing | 3 |
| 8. | BSN507 | Workplace: Health and Safety | 3 |
| 9. | BSN508 | Introduction to Healthcare systems | 3 |
| 10. | BSN509 | Therapeutic Communication | 3 |
| 11. | BSN510 | Nursing Disaster | 3 |
| 12. | BSN511 | Transition to practice | 3 |
| Total | | | 6 |

MER COURSE DESCRIPTIONS

BSN500 Health Promotion in the UAE

Co-Requisite: None

Pre-requisite: None

This course explores the concepts of health promotion and their practical applications. The course discusses an introduction into the social, cultural, and ethical foundations of health promotion. It examines these foundations in relation to settings, populations and health issues including national and international developments. The course contributes in broadening students understanding of health, the determinants of population health and practice to promote community health. The knowledge and skills

gained through completing the course will be of value in other courses in the degree programs and be directly transferable to employment and work settings oriented upon population health and, in particular, health promotion and protection, environmental and community health, health management and planning.

BSN501 Growth and Development

Co-Requisite: None

Pre-requisite: None

This course introduces students to psychosocial concepts and principles that underpin human behavior facilitating understanding about ways in which people engage in health and illness. Students require general knowledge of lifespan development and a more specific understanding of risk and resiliency factors influencing psychosocial wellbeing and impacting upon health and human development. This course will provide students with knowledge and skills necessary to respond to these factors by examining frameworks through which resilience may be promoted with vulnerable individuals and groups. How individuals and communities experience and adapt to health transitions in order to facilitate health and wellbeing is explored.

BSN502 Health law and ethics in UAE

Co-Requisite: None

Pre-requisite: None

The course focuses on the UAE and those legal processes and actions which impact on the provision of health care services by health professionals and institutions. The content is comprised of the legal principles and legislative provisions that underpin day-to-day work and control safe and competent practice. Health professionals confront a multitude of ethically challenging situations and decisions within the boundaries of the law. This course introduces students to the philosophical theories underpinning the decision-making processes in an ethical context. Students are provided with the opportunity to develop knowledge and skills needed to analyze and apply legal and ethical knowledge to their practice.

BSN503 Nursing Informatics

Co-Requisite: None

Pre-requisite: None

This course introduces nursing informatics as an integration of nursing, computer, and information sciences for the support of nursing practice. It will acquaint student

nurses with the effective utilization of technology and its applications throughout all aspects of health delivery.

BSN504 Health Education

Co-Requisite: None

Pre-requisite: None

This course is an introductory course that introduces nursing students to the basic concepts and practices of Health Education. The core expectation of this course is that students will learn about physical, mental, emotional and social health. It builds students' knowledge, skills, and positive attitudes about health, and motivates students to improve and maintain their health, prevent disease, and reduce risky behaviors. In addition to that, the course objectives are designed to prepare our students with essential life management skills needed to make decisions, enhance the quality of personal and family life, become efficient citizens of society, and learn basic life skills and knowledge about monitoring and improving their health.

BSN505 Medical Terminologies

Co-Requisite: None

Pre-requisite: None

This course is designed to prepare the student to analyze, define, pronounce, and comprehend medical vocabulary and terminology. Students will gain understanding on basic medical terms through the study of root words, prefixes and suffixes. The course consists of learning the correct pronunciation, spelling, and correct use of medical terms relating to structure and function of body system, pathology, diagnosis, clinical procedures, oncology, and pharmacology. In addition, common abbreviations applicable to each system will be carefully interpreted. Students will use system-approach and problem-solving techniques to assist in developing an understanding of course concepts.

BSN506 Emergency Nursing

Co-Requisite: None

Pre-requisite: None

This course focuses to build appropriate knowledge about emergency nursing which is an essential component of health care delivery system. This course is designed to give students the chance to gain in depth understanding of nature of emergency nursing and role of nurse in meeting different needs of patient. This course provides the student with the advanced knowledge, attitudes, and skills needed to provide comprehensive nursing care for the patient with emergency conditions. The course focuses on preparing students to assist the patient and his family to adapt to their conditions and achieve the optimal level of care with the minimum disabilities. It provides the students with knowledge that will help them to provide efficient nursing care during emergency and disaster situations either in pre-hospital settings or in hospital setting and also in disasters. Critical thinking and problem solving is emphasized.

BSN507 Workplace: Health and Safety

Co-Requisite: None

Pre-requisite: None

This course introduces students to the importance of health and safety at work, what staff and employer's duties are, the risks they may face, the arrangements and procedures employers should have in place including risk assessment. With this requisite knowledge, students will be prepared to recognize hazards and risks at work and do all they can to uphold health and safety control measures. The course looks at reducing the risk of injury or harm for all employees. Students should know what to do when accidents or incident occur including minimizing injury and reporting untoward events.

BSN508 Introduction to Healthcare systems

Co-Requisite: None

Pre-requisite: None

This course is an introductory course that provides an orientation to the students about the health care system of UAE. In the conduct of the course, apart from providing the overview of the healthcare system the nation, the focus will be on the growth of the health care system, its demand and challenges. The student will be introduced to the foundations of health care delivery system its organization, health insurance, public health, health care finance, current challenges to the system and different regulatory bodies in the health care systems in both federal level and the emirate level. The course will also provide a careful oversight of the health care provision both from public sector and the private sector institutions, concurrently placing importance on the UAE's rapidly expanding pharmaceutical, medical equipment, health care IT and medical education sectors. The student will be oriented on the various affiliations and partnerships internationally to strengthen and enhance the health care delivery system of UAE.

BSN509 Therapeutic Communication

Co-Requisite: None

Pre-requisite: None

Effective Communication in Nursing is an elective course within the Bachelor of Nursing program. It covers the background principles of communication, provides experiential learning opportunities and forms a basis on which to build good nursing practice. This course focuses on the communication skills that students require in order to therapeutically engage with patients and effectively collaborate with peers and other health professionals. There is also an emphasis on understanding and applying core concepts such as communication processes, active listening, assertion, empathy, ethics, engagement, interviewing and facilitative dialogue. More specifically, the student will be introduced to therapeutic communication

skills such as reflection of content and feeling, probing, clarifying and appropriate self-disclosure.

BSN510 Nursing Disaster

Co-Requisite: None

Pre-requisite: None

This course will provide students with definition of disaster nursing; recognition of the community resources, utilizing disaster planning models; and recognizing the role of nurses in disaster situations. This course prepares the student to understand the nature of disaster in order to develop appropriate response, resource collection, crisis management & recovery strategies. Review of real world disaster provides the student with valuable knowledge and skills to develop habits of anticipation and response. Students will learn principles for emergency planning and operation management, as well as individual skills to improve judgment, decision making and leadership which are vital skills during a disaster or crisis.

BSN511 Transition to practice

Co-Requisite: None

Pre-requisite: None

This course prepares the student to make a successful transition from student to a graduate Registered Nurse entering the workplace environment. Transition to the professional workforce is a significant theme as is the awareness of the global nature of nursing. The key concepts of how health care systems are funded, operated and evaluated will be explored. Students are encouraged to contemplate their future professional contributions in areas such as clinical practice, administration, education, research, change and management of their career

FOR BRIDGING PATHWAY

| Course category | Credit Hours |
|--|--------------|
| General Education Requirement (GER) | 3 |
| College Core Requirement (CCR) | 8 |
| College Elective Requirement (CER) | 3 |
| Major Core Requirements (MCR) | 21 |
| Major (Nursing) Elective Requirements (MER) | 12 |
| Major (Nursing) Specialty Requirement | 18 |
| Total | 65 |

1. General Education Requirement (GER) & its Course Descriptions:

Students will take general education courses in the sciences and humanities in addition to, other introductory major course to gain an understanding of basic concepts, methods and theories in nursing.

The students have to complete a total of **3 credits** in which, they must take either from GRD171 or GRD271 or BSN111 which is mentioned in the table.

| # | Course Code | Course Title | Credit Hours |
|--------------|-------------|-------------------------|--------------|
| 1. | GRD171 | Psychology (GER) | 3 |
| 2. | GRD271 | Islamic studies(GER) | 3 |
| 3. | BSN111 | Applied nutrition (MCR) | 3 |
| Total | | | 3 |

Course descriptions: Refer in Undergraduate pathway

2. College Core Requirement (CCR) & its Course Descriptions:

It is mandatory for all students from all majors enroll in the courses mentioned below in order to complete **8 Credit Hours**.

| # | Course Code | Course Title | Credit Hours |
|---|-------------|--------------|--------------|
|---|-------------|--------------|--------------|

| | | | |
|--------------|--------|---------------------------|----------|
| 1. | GRD261 | Academic Writing 2 | 2 |
| 2. | GRD361 | Research Methodology | 3 |
| 3. | BSN410 | Research Capstone Project | 3 |
| Total | | | 8 |

Course descriptions: Refer in Undergraduate pathway

3. College Elective Requirements & its Course Descriptions:

The Nursing student is required to successfully complete 1 course = **3 credit hours** from the below:

| # | Course Code | Course Title | Credit Hours |
|--------------|-------------|---|--------------|
| 1. | CER 1000 | Personal and Professional Development | 3 |
| 2. | CER 1100 | Principles of Clinical Imaging | 3 |
| 3. | CER 1300 | Communication Skills for Healthcare Professionals | 3 |
| 4. | CER 1400 | Health Informatics | 3 |
| 5. | CER 1500 | Introduction to Health and Nutrition | 3 |
| 6. | CER 1600 | Astronomy | 3 |
| 7. | CER 1700 | Science and Technology Evolution | 3 |
| Total | | | 3 |

Course descriptions: Refer in Undergraduate pathway

4. Major Core Requirements & its Course Descriptions:

Students must complete all courses (**23 credits**) mentioned in this table:

| # | Course Code | Course Title | Credit Hours |
|----|-------------|---|--------------|
| 1. | BSN210 | Clinical Pharmacology | 3 |
| 2. | BSN213 | Pathophysiology | 3 |
| 3. | BSN311 | Adult Medical Surgical Nursing 2 - Theory | 3 |
| 4. | BSN331 | Adult Medical Surgical Nursing 2 - Clinical | 3 |
| 5. | BSN217 | Gerontology Nursing | 3 |

| | | | |
|--------------|--------|---|-----------|
| 6. | BSN314 | Leadership and Management for Health Professionals – Theory | 3 |
| 7. | BSN430 | Consolidated Practice | 3 |
| Total | | | 21 |

Course descriptions: Refer in Undergraduate pathway

5. Major (Nursing) Elective Requirements & its Course Descriptions:

The Nursing student is required to successfully complete 4 courses = 12 credit hours from the below:

| # | Course Code | Course Title | Credit Hours |
|--------------|-------------|------------------------------------|--------------|
| 1. | BSN500 | Health Promotion in the UAE | 3 |
| 2. | BSN501 | Growth and Development | 3 |
| 3. | BSN502 | Health law and ethics in UAE | 3 |
| 4. | BSN503 | Nursing Informatics | 3 |
| 5. | BSN504 | Health Education | 3 |
| 6. | BSN505 | Medical Terminologies | 3 |
| 7. | BSN506 | Emergency Nursing | 3 |
| 8. | BSN507 | Workplace: Health and Safety | 3 |
| 9. | BSN508 | Introduction to Healthcare systems | 3 |
| 10. | BSN509 | Therapeutic Communication | 3 |
| 11. | BSN510 | Nursing Disaster | 3 |
| Total | | | 12 |

Course descriptions: Refer in Undergraduate pathway

6. Major Specialty Requirements & its Course Descriptions:

The Nursing student is required to successfully complete 3 courses (Theory + Clinical) = 18 credit hours from the below:

| # | Course Code | Course Title | Credit Hours |
|-----|-------------|----------------------------------|--------------|
| 1. | BSN215 | Maternity Nursing - Theory | 3 |
| 2. | BSN232 | Maternity Nursing - Clinical | 3 |
| 3. | BSN310 | Pediatric Nursing - Theory | 3 |
| 4. | BSN330 | Pediatric Nursing - Clinical | 3 |
| 5. | BSN313 | Mental Health Nursing - Theory | 3 |
| 6. | BSN332 | Mental Health Nursing - Clinical | 3 |
| 7. | BSN315 | Community Nursing - Theory | 3 |
| 8. | BSN333 | Community Nursing - Clinical | 3 |
| 9. | BSN411 | Critical Care Nursing - Theory | 3 |
| 10. | BSN431 | Critical Care Nursing - Clinical | 3 |
| | | Total | 18 |

Course descriptions: Refer in Undergraduate pathway