

**Faculty of Health Sciences**

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## **HISTORY**

The program established in 2009, the Faculty of Health Sciences is the latest addition to BAU. It is located at the "Hariri Building".

This new Faculty designed its graduate program based on the Credit Hour System.

## **VISION**

The program aims to provide competent nurse specialist and is setting a standard for excellence in health sciences education and practice to promote the status of this profession.

## **MISSION**

The graduate academic program is developed to meet the international standards for health sciences education with firm foundation in the basic sciences & humanities. It prepares male & female graduate specialists to deliver primary, secondary & tertiary health care to address the complex and changing health needs of the society with an emphasis on evidence based clinical education. The program trains students in humanistic general and specialized courses as well as critical thinking. The program integrates research and theory into clinical practice. It expands the capacity of the professional graduates as leaders in the health team.

## **PROGRAM DESCRIPTION**

The faculty offers the following:

\* Master degree in nursing sciences for the following specialties.

- Medical surgical nursing
- Critical care nursing
- Obstetric & gynecological nursing
- Pediatric nursing
- Psychiatric and mental health nursing
- Community health nursing
- Gerontology nursing
- Nursing service administration

The Master Degree requirements (all specializations) consist of 36 Credit hours taken as follows

- Core Courses: 12 Cr.
- Mandatory Courses: 12 Cr.
- Elective Courses: 6 Cr.
- Thesis: 6 Cr.

# **MASTER PROGRAM**

## **Medical Surgical Nursing Curriculum (36 credit hours)**

<b>1<sup>st</sup> Semester</b>			<b>Credit</b>
NURS	601	Biostatistics	3
NURS	611	Theoretical base for advanced medical surgical nursing	3
NURS	613	Practicum for advanced medical surgical	3
NURS	603	Safe environment and infection control	3
		Elective <sup>1</sup>	3
			---
			15
<b>2<sup>nd</sup> Semester</b>			
NURS	602	Methods of Research	3
NURS	612	Theoretical base for advanced medical surgical nursing specialties	3
NURS	614	Practicum for advanced medical surgical nursing specialties	3
NURS	604	Quality management in nursing services	3
		Elective <sup>1</sup>	3
			---
			15
<b>Research Thesis</b>			
NURS	699	Thesis	6
			---
			6

<sup>1</sup> Selected from elective courses offered by the Faculty

## **Critical Care Nursing Curriculum (36 Credit Hours)**

<b>1<sup>st</sup> Semester</b>			
NURS	601	Biostatistics	3
NURS	621	Theoretical base for advanced critical care nursing	3
NURS	623	Practicum for advanced critical care	3
NURS	603	Safe environment and infection control	3
		Elective <sup>1</sup>	3
			---
			15
<b>2<sup>nd</sup> Semester</b>			
NURS	602	Methods of Research	3
NURS	622	Theoretical base for advanced critical care nursing specialties	3
NURS	624	Practicum for advanced critical care nursing specialties	3
NURS	604	Quality management in nursing services	3
		Elective <sup>1</sup>	3
			---
			15
<b>Research Thesis</b>			
NURS	699	Thesis	6
			---
			6

<sup>1</sup> Selected from elective courses offered by the Faculty

## Obstetric & Gynecological Nursing Curriculum (36 Credit Hours)

<b>1<sup>st</sup> Semester</b>			<b>Credit</b>
NURS	601	Biostatistics	3
NURS	631	Theoretical base for advanced obstetric& gynecological nursing	3
NURS	633	Practicum for advanced obstetric& gynecological nursing	3
NURS	603	Safe environment and infection control	3
		Elective <sup>1</sup>	3
			---
			15
<b>2<sup>nd</sup> Semester</b>			
NURS	602	Methods of Research	3
NURS	632	Midwifery	3
NURS	634	Practicum for midwifery	3
NURS	604	Quality management in nursing services	3
		Elective <sup>1</sup>	3
			---
			15
<b>Research Thesis</b>			
NURS	699	Thesis	6
			---
			6

<sup>1</sup> Selected from elective courses offered by the Faculty

## Pediatric Nursing Curriculum (36 Credit Hours)

<b>1<sup>st</sup> Semester</b>			
NURS	601	Biostatistics	3
NURS	641	Theoretical base for advanced pediatric nursing	3
NURS	643	Practicum for advanced pediatric nursing	3
NURS	603	Safe environment and infection control	3
		Elective <sup>1</sup>	3
			---
			15
<b>2<sup>nd</sup> Semester</b>			
NURS	602	Methods of Research	3
NURS	642	Theoretical base for advanced pediatric nursing specialties	3
NURS	644	Practicum for advanced pediatric nursing specialties	3
NURS	604	Quality management in nursing services	3
		Elective <sup>1</sup>	3
			---
			15
<b>Research Thesis</b>			
NURS	699	Thesis	6
			---
			6

<sup>1</sup> Selected from elective courses offered by the Faculty

## Psychiatric & Mental Health Nursing Curriculum (36 Credit Hours)

<b>1<sup>st</sup> Semester</b>			<b>Credit</b>
NURS	601	Biostatistics	3
NURS	651	Theoretical base for advanced psychiatric & mental health nursing	3
NURS	653	Practicum for advanced psychiatric & mental health nursing	3
NURS	603	Safe environment and infection control	3
		Elective <sup>1</sup>	3
			---
			15
<b>2<sup>nd</sup> Semester</b>			
NURS	602	Methods of Research	3
NURS	652	Theoretical base for advanced psychiatric & mental health nursing specialties	3
NURS	654	Practicum for advanced psychiatric & mental health nursing specialties	3
NURS	604	Quality management in nursing services	3
		Elective <sup>1</sup>	3
			---
			15
<b>Research Thesis</b>			
NURS	699	Thesis	6
			---
			6

<sup>1</sup> Selected from elective courses offered by the Faculty

## Community Health Nursing Curriculum (36 Credit Hours)

<b>1<sup>st</sup> Semester</b>			
NURS	601	Biostatistics	3
NURS	661	Theoretical base for advanced community health nursing	3
NURS	663	Practicum for advanced community health nursing	3
NURS	603	Safe environment and infection control	3
		Elective <sup>1</sup>	3
			---
			15
<b>2<sup>nd</sup> Semester</b>			
NURS	602	Methods of Research	3
NURS	662	Community health programs	3
NURS	664	Practicum for community health programs	3
NURS	604	Quality management in nursing services	3
		Elective <sup>1</sup>	3
			---
			15
<b>Research Thesis</b>			
NURS	699	Thesis	6
			---
			6

<sup>1</sup> Selected from elective courses offered by the Faculty

## Gerontology Nursing Curriculum (36 Credit Hours)

<b>1<sup>st</sup> Semester</b>			<b>Credit</b>
NURS	601	Biostatistics	3
NURS	671	Theoretical base for advanced gerontology nursing	3
NURS	673	Practicum for advanced gerontology nursing	3
NURS	604	Quality management in nursing services	3
		Elective <sup>1</sup>	3
			---
			15
<b>2<sup>nd</sup> Semester</b>			
NURS	602	Methods of Research	3
NURS	672	Theoretical base for advanced gerontology nursing specialties	3
NURS	674	Practicum for advanced gerontology nursing specialties	3
NURS	604	Quality management in nursing services	3
		Elective <sup>1</sup>	3
			---
			15
<b>Research Thesis</b>			
NURS	699	Thesis	6
			---
			6

<sup>1</sup> Selected from elective courses offered by the Faculty

## Nursing Service Administration Curriculum (36 credit hours)

<b>1<sup>st</sup> Semester</b>			
NURS	601	Biostatistics	3
NURS	681	Theoretical base for strategic management in nursing	3
NURS	683	Practicum for strategic management in nursing	3
NURS	604	Quality management in nursing services	3
		Elective <sup>1</sup>	3
			---
			15
<b>2<sup>nd</sup> Semester</b>			
NURS	602	Methods of Research	3
NURS	682	Theoretical base for advanced leadership skills in nursing	3
NURS	684	Practicum for leadership skills in nursing	3
NURS	604	Quality management in nursing services	3
		Elective <sup>1</sup>	3
			---
			15
<b>Research Thesis</b>			
NURS	699	Thesis	6
			---
			6

<sup>1</sup> Selected from elective courses offered by the Faculty

## **MASTER PROGRAM (36 CREDIT HOURS)**

### **Core Courses: 18 credit hours**

- NURS 601 Biostatistics (3credits)
- NURS 602 Methods of research (3 credits)
- NURS 603 Safe environment and infection control (3 credits)
- NURS 604 Quality management in nursing services (3 credits)
- NURS 699 Thesis (6 credits)

### **Medical Surgical Nursing (18 credit hours)**

#### **Mandatory courses: 12 credit hours**

- NURS 611 Theoretical base for advanced medical surgical nursing (3 credits)
- NURS 612 Theoretical base for advanced medical surgical nursing specialties (3 credits)
- NURS 613 Practicum for advanced medical surgical nursing (3 credits)
- NURS 614 Practicum for advanced medical surgical nursing specialties (3 credits)

#### **Elective courses: (6 credit hours)** selected from the following courses;

- NURS 615 Advanced Pathophysiology (3 credits)
- NURS 616 Advanced health assessment (3 credits)
- NURS 617 Evidence based nursing (3 credits)
- NURS 618 Contemporary concepts in medical surgical nursing (3 credits)

### **Critical Care Nursing (18 Credit Hours)**

#### **Mandatory courses: 12 credit hours**

- NURS 621 Theoretical base for advanced critical care nursing (3 credits)
- NURS 622 Theoretical base for advanced critical care nursing specialties (3 credits)
- NURS 623 Practicum for advanced critical care nursing (3 credits)
- NURS 624 Practicum for advanced critical care nursing specialties (3 credits)

#### **Elective courses: (6 credit hours)** selected from the following courses;

- NURS 615 Advanced Pathophysiology (3 credits)
- NURS 626 Advanced emergency care nursing (3 credits)
- NURS 627 Health assessment for critically ill patients (3 credits)
- NURS 628 Contemporary concepts in critical care nursing (3 credits)

## **Obstetric & Gynecological Nursing (18 Credit Hours)**

### **Mandatory courses: 12 credit hours**

NURS 631 Theoretical base for advanced obstetric& gynecological nursing (3 credits)

NURS 632 Midwifery (3 credits)

NURS 633 Practicum for advanced obstetric& gynecological nursing (3 credits)

NURS 634 Practicum for midwifery (3 credits)

### **Elective courses: (6 credit hours)** selected from the following courses;

NURS 635 Embryology and genetics (3 credits)

NURS 636 Family planning (3 credits)

NURS 637 Reproductive health (3 credits)

NURS 638 Women psychology (3 credits)

## **Pediatric Nursing (18 Credit Hours)**

### **Mandatory courses: 12 credit hours**

NURS 641 Theoretical base for advanced pediatric nursing (3 credits)

NURS 642 Theoretical base for advanced pediatric nursing specialties (3 credits)

NURS 643 Practicum for advanced pediatric nursing (3 credits)

NURS 644 Practicum for advanced pediatric nursing specialties (3 credits)

### **Elective courses: (6 credit hours)** selected from the following courses;

NURS 645 Pediatric medicine (3 credits)

NURS 646 Pediatric surgery (3 credits)

NURS 647 Child psychology (3 credits)

NURS 648 Critical care of neonates (3 credits)

## **Psychiatric & Mental Health Nursing (18 Credit Hours)**

### **Mandatory courses: 12 credit hours**

NURS 651 Theoretical base for advanced psychiatric & mental health nursing (3 credits)

NURS 652 Theoretical base for advanced psychiatric & mental health nursing specialties (3 credits)

NURS 653 Practicum for advanced psychiatric & mental health nursing (3 credits)

NURS 654 Practicum for advanced psychiatric & mental health nursing specialties (3 credits)

**Elective courses: (6 credit hours)** selected from the following courses;  
NURS 655 Psycho-physiology (3 credits)  
NURS 656 Alternative therapies in psychiatric and mental health nursing (3 credits)  
NURS 657 Counseling in psychiatric nursing (3 credits)  
NURS 658 Nursing clients of substance-related disorders (3 credits)

### **Community Health Nursing (18 Credit Hours)**

**Mandatory courses: 12 credit hours**

NURS 661 Theoretical base for advanced community health nursing (3 credits)  
NURS 662 Community health programs (3 credits)  
NURS 663 Practicum for advanced community health nursing (3 credits)  
NURS 664 Practicum for community health programs (3 credits)

**Elective courses: (6 credit hours)** selected from the following courses;

NURS 665 Epidemiology (3 credits)  
NURS 666 Family home care (3credits)  
NURS 667 Community health problems (3 credits)  
NURS 668 Society, family and demography (3 credits)

### **Gerontology Nursing (18 Credit Hours)**

**Mandatory courses: 12 credit hours**

NURS 671 Theoretical base for advanced gerontology nursing (3 credits)  
NURS 672 Theoretical base for advanced gerontology nursing specialties (3 credits)  
NURS 673 Practicum for advanced gerontology nursing (3 credits)  
NURS 674 Practicum for advanced gerontology nursing specialties (3 credits)

**Elective courses: (6 credit hours)** selected from the following courses;

NURS 675 Physiology of elderly (3 credits),  
NURS 676 Nutrition for elderly (3 credits)  
NURS 677 Psychosocial aspects of elderly (3 credits)  
NURS 678 New trends in gerontology nursing (3 credits)

### **Nursing Service Administration (18 credit hours)**

**Mandatory courses: 12 credit hours**

NURS 681 Theoretical base for strategic management in nursing (3 credits)  
NURS 682 Theoretical base for advanced leadership skills in nursing (3 credits)  
NURS 683 Practicum for strategic management in nursing (3 credits)  
NURS 684 Practicum for leadership skills in nursing (3 credits)

**Elective courses: (6 credit hours)** selected from the following courses;  
NURS 685 Human resources management in nursing (3 credits)  
NURS 686 Health care delivery system (3 credits)  
NURS 687 Employees behavior in nursing (3 credits)  
NURS 688 Documentation (3 credits)

## **COURSE DESCRIPTIONS**

### **MASTER PROGRAM**

#### **CORE COURSES:**

##### **NURS 601- BIostatISTICS (3CREDITS).**

The course is intended to acquaint the student with the statistical techniques most commonly reported in the research literature of the health professions with increasing emphasis on interpretation of computer printouts

##### **NURS 602- METHODS OF RESEARCH (3 CREDITS).**

The course will explore the research process as it relates to the development of nursing sciences and evidence-based nursing practice. Emphasis will be placed on student's clinical practice as the relevant source of questions for nursing research. Both qualitative and quantitative approaches to the generation of research data will be examined, including strategies associated with each of these methods. Research critique related to a specific research problem will be emphasized.

##### **NURS 603-SAFE ENVIRONMENT AND INFECTION CONTROL (3 CREDITS)**

The course focuses on the nurse's role in providing safe environment for the different categories of patients. Emphasis will be on the infection control measures, the safe use of relevant technology, hazards confronting patients and their families as well as the nurses working in the different clinical settings.

##### **NURS 604 QUALITY MANAGEMENT IN NURSING SERVICES (3 CREDITS).**

The course provides an overview of related key concepts of quality management in nursing services, principles, practices and techniques will be emphasized.

##### **NURS 699 THESIS (6 CREDITS).**

Application of research methodology in selected topics in the area of specialty under the guidance and supervision of expert faculty members

#### **MANDATORY COURSES**

##### **NURS 611 THEORETICAL BASE FOR ADVANCED MEDICAL SURGICAL NURSING (3 CREDITS)**

This course focuses on responses of adult human beings to physiological dysfunction actual or potential. Particular emphasis is placed on investigating current and emerging theories, promoting health, preventing illness and disabilities and restoring the ill and disabled to a level of health in which they can function optimally.

##### **NURS 612 THEORETICAL BASE FOR ADVANCED MEDICAL SURGICAL NURSING SPECIALTIES (3 CREDITS).**

This course offers selected topics, provides students with advanced strategies and techniques for developing expertise with selected nursing interventions pertaining to one specialty of their choice or specified by the faculty.

**NURS 613 PRACTICUM FOR ADVANCED MEDICAL SURGICAL NURSING (3 CREDITS).**

The practicum course helps students to develop advanced skills and clinical competencies in the nursing management of adult patients with alterations in human functioning. Emphasis builds on advanced practice preparation in medical surgical nursing, advanced assessment, diagnostic reasoning and decision making, therapeutic interventions, consultation and referral skills.

**NURS 614 PRACTICUM FOR ADVANCED MEDICAL SURGICAL NURSING SPECIALTIES (3 CREDITS).**

This course prepares clinical nurse specialist who provides expert nursing care, implements evidence-based interventions and influence the delivery of care within the health care system. The course of study prepares a clinical nurse specialist to function in collaboration with health care providers as a practitioner, educator, consultant, researcher and manager.

**NURS 621 THEORETICAL BASE FOR ADVANCED CRITICAL CARE NURSING (3 CREDITS)**

This course focuses on examining the effects of alterations on selected bio-behavioral processes in the adult human suffering from illness with critical onset, multi system failure and unstable conditions. This course prepares nurses to use diagnostic reasoning, decision making, therapeutic interventions, advanced assessment and consultations. Emphasis is placed on strategies relevant to the implementation of the nurse's role as a practitioner, educator, consultant, researcher and manager.

**NURS 622 THEORETICAL BASE FOR ADVANCED CRITICAL CARE NURSING SPECIALTIES (3 CREDITS)**

This course focuses on therapeutic interventions based on biopsycosocial theories, evidence-based standards of care and practice guidelines used with patients requiring acute and critical care. Discussion emphasizes critical analysis and evaluation of nursing interventions. Emphasis is placed on recognizing, differentiating and managing the interrelationships of multiple variables within the critical care patient.

**NURS 623 PRACTICUM FOR ADVANCED CRITICAL CARE NURSING (3 CREDITS)**

This practicum course provides advanced physical assessment and planning for the nursing management of acute and complex health problems of patients with life threatening illness or injury. Students will acquire skills and integrate knowledge of physical, physiological and emotional changes that occurs as a result of acute health problem.

**NURS 624 PRACTICUM FOR ADVANCED CRITICAL CARE NURSING SPECIALTIES (3 CREDITS)**

This course provides students with advanced physical assessment and planning for the nursing management of acute and complex health problems of patients with life threatening illness or injury. Students will use assessment skills, selected theories and research to identify complex health problems and interventions in critical care patients.

**NURS 631 THEORETICAL BASE FOR ADVANCED OBSTETRIC& GYNECOLOGICAL NURSING (3 CREDITS)**

The course focuses on providing the students with the necessary concepts, skills and attitudes that enable them to provide quality nursing care for women during the maternity cycles as well as those who suffer gynecological disorders.

**NURS 632 MIDWIFERY (3 CREDITS).**

The course is designed to provide the students with the necessary knowledge, skills and attitudes related to the science of midwifery. The course will focus on intrapartal nursing assessment, providing the essential nursing interventions during different stages of labor. Maternal analgesia and anesthesia, obstetric procedures and conducting normal deliveries will be emphasized. It also helps students to develop the necessary skills for identification of any deviation from normal during labor and delivery and make appropriate interventions and/or the necessary referral.

**NURS 633 PRACTICUM FOR ADVANCED OBSTETRIC& GYNECOLOGICAL NURSING (3 CREDITS)**

The practicum course helps students to develop advanced skills and clinical competencies in the nursing management of women during the maternity cycle. Emphasis builds on advanced practice preparation in gynecological nursing, advanced assessment, diagnostic reasoning and decision making, therapeutic interventions, consultation and referral skills.

**NURS 634 PRACTICUM FOR MIDWIFERY (3 CREDITS)**

The course provides students with the necessary skills related to the science of midwifery. The focus will be on providing the essential nursing interventions during different stages of labor. The necessary skills for identification of any deviation from normal during labor and delivery and making appropriate interventions and/or the necessary referral will be emphasized

**NURS 641 THEORETICAL BASE FOR ADVANCED PEDIATRIC NURSING (3 CREDITS)**

The course focuses on providing knowledge and developing skills and attitude toward pediatric nursing strategies. It involves growth and development, fundamentals of pediatric nursing, family dynamics and basic concepts in pediatric nursing.

**NURS 642 THEORETICAL BASE FOR ADVANCED PEDIATRIC NURSING SPECIALTIES (3 CREDITS)**

The course gives students an opportunity to study needs and problems of pediatric patients in different stages of life. It helps students to investigate the impact of illness and handicapping on health conditions of children. Students will demonstrate competence in advanced pediatric nursing practice in all specialties.

**NURS 643 PRACTICUM FOR ADVANCED PEDIATRIC NURSING (3 CREDITS)**

This course enables the students to transfer basic knowledge and skills related to clinical pediatric nursing management of sick neonates and children into performance. Emphasis will be on applying different nursing interventions in wellness and sickness for all pediatric populations in different stages of life through preventive, therapeutic and rehabilitative techniques.

**NURS 644 PRACTICUM FOR ADVANCED PEDIATRIC NURSING SPECIALTIES (3 CREDITS)**

The course gives the students an opportunity to provide expert nursing care based on evidence based medicine and nursing. It helps students to demonstrate competencies in advanced pediatric nursing practice for all specialties from neonatal stage through adolescence.

**NURS 651 THEORETICAL BASE FOR ADVANCED PSYCHIATRIC & MENTAL HEALTH NURSING (3 CREDITS)**

The course provides an increasing and in-depth knowledge and skills regarding psychiatric illnesses, their biosychosocial causation and nursing approaches. The broad range of preventive crisis and rehabilitative nursing activities are emphasized in the care of psychotic clients and their families as well as those having personality disorders.

**NURS 652 THEORETICAL BASE FOR ADVANCED PSYCHIATRIC & MENTAL HEALTH NURSING SPECIALTIES (3 CREDITS)**

The course extends nurses' knowledge and skills in the specialties of psychiatric and mental health nursing. Care of specific psychiatric disorders as well as of special populations will be highlighted. Nurses' role in different therapeutic modalities is integral part of this course.

**NURS 653 PRACTICUM FOR ADVANCED PSYCHIATRIC & MENTAL HEALTH NURSING (3 CREDITS)**

The course gears toward investigating, criticizing and reflecting on major new issues and trends in psycho-social aspects of people with psychiatric disorders. Factors like social maladaptation, dysfunctional dynamics in the family, peer influence, low self-esteem, excessive dependency needs and disturbed personality pattern will be highlighted.

**NURS 654 PRACTICUM FOR ADVANCED PSYCHIATRIC & MENTAL HEALTH NURSING SPECIALTIES (3 CREDITS)**

This course is designed to give the students experience in therapeutic modalities related to specific psychiatric disorders.

**NURS 661 THEORETICAL BASE FOR ADVANCED COMMUNITY HEALTH NURSING (3 CREDITS)**

The course aims at providing theoretical background for the community for the community based on the synthesis of nursing theories and public health science. Emphasis is on health promotion, health maintenance and disease prevention among population. The course assists students to recognize and analyze the interrelationships between individuals, families and groups within the community to determine the health status of each. The impact of political, economic, social, environmental and cultural concerns on health promotion will be stressed.

**NURS 662 COMMUNITY HEALTH PROGRAMS (3 CREDITS)**

The course enables students to learn how to plan, implement and evaluate a health program, starting with the health related needs assessment in the community to determine priority areas for health promotion. Students will be introduced to the conceptual framework, theoretical structure and principles issues involved in health programs. Students will review various national and international community health programs provided to promote health and wellbeing in the community.

**NURS 663 PRACTICUM FOR ADVANCED COMMUNITY HEALTH NURSING (3 CREDITS)**

The course enables the student to work in different specialties in community health nursing. It helps to develop the research capabilities of students as well as their ability to synthesize and utilize research findings for improving nursing practice in the community. The focus of the clinical component is on the promotion and maintenance of high levels of health and well being, and prevention of illness and disability.

**NURS 664 PRACTICUM FOR COMMUNITY HEALTH PROGRAMS (3 CREDITS)**

The course covers the practicum for community health programs. It focuses on the analysis of the most common health programs in the community; provides experiences in problems identification and management of common health problems affecting the community. Emphasis will be based on the importance of involving participants in different phases of program planning, implementation and evaluation

**NURS 671 THEORETICAL BASE FOR ADVANCED GERONTOLOGY NURSING (3 CREDITS)**

The course provides the students with advanced knowledge related to theories of aging, age-related changes, health needs of healthy elderly and those with minimal functional limitation in order to provide comprehensive care for the healthy and sick elderly in different settings.

**NURS 672 THEORETICAL BASE FOR ADVANCED GERONTOLOGY NURSING SPECIALTIES (3 CREDITS)**

The course provides the students with knowledge necessary for care of frail elderly and those with complex health problems and functional limitation within acute and long term care settings. The program focuses on problem solving, critical thinking methods and applying the nursing process to geriatric care.

**NURS 673 PRACTICUM FOR ADVANCED GERONTOLOGY NURSING (3 CREDITS)**

This course provides skills to practice advanced gerontology nursing. The focus is on helping students to demonstrate competencies in providing advanced nursing practice to address the major health problems and needs during old age. Clinical practice is available in a variety of health settings including; hospitals, home care agencies, day care centers and long term care facilities.

**NURS 674 PRACTICUM FOR ADVANCED GERONTOLOGY NURSING SPECIALTIES (3 CREDITS)**

This course is focused on developing, implementing and evaluating the clinical practice for selected nursing problems of elderly with multiple chronic illness and functional limitation through revision of theory based strategies. Clinical practice is available in hospitals, home care agencies, day care centers and long term care facilities.

**NURS 681 THEORETICAL BASE FOR STRATEGIC MANAGEMENT IN NURSING (3 CREDITS)**

The course introduces the students to the essential elements, key skills and implications that nurse managers must learn to succeed in today's health care environment. Basic concepts of organizations, organizational structure, strategic planning, different roles and functions of nurse managers in different levels will be presented.

**NURS 682 THEORETICAL BASE FOR ADVANCED LEADERSHIP SKILLS IN NURSING (3 CREDITS)**

The course provides an overview of the leadership skills required for the nurse leaders to assume their role efficiently and effectively.

**NURS 683 PRACTICUM FOR STRATEGIC MANAGEMENT IN NURSING (3 CREDITS)**

The course provides an overview of the practical part of strategic management and its applications in the field of nursing.

**NURS 684 PRACTICUM FOR LEADERSHIP SKILLS IN NURSING (3 CREDITS)**

The course is designed to help the student to assume independent role as practitioner. Students are prepared to act as a leader and change agent.

**ELECTIVE COURSES**

**NURS 615 ADVANCED PATHOPHYSIOLOGY (3 CREDITS).**

The course provides an in-depth study of the structure and functions of the various systems with particular emphasis on pathophysiology of the diseased state. This advanced knowledge is expected to provide a sound basis for advanced critical care and medical surgical nursing practice.

**NURS 616 ADVANCED HEALTH ASSESSMENT (3 CREDITS).**

This course focuses on the advanced comprehensive assessment of individuals. Students are grounded in the theoretical perspectives and practical skills necessary for clinical interviewing, history taking, biopsychosocial and physical assessment, critical diagnostic reasoning and clinical decision-making.

**NURS 617 EVIDENCE BASED NURSING (3 CREDITS).**

The course will explore the interaction between research and quality improvement in the field of nursing. Students will have developed and can apply a framework for systematic evidence based quality improvement that leads to improvement for one or more targeted conditions.

**NURS 618 CONTEMPORARY CONCEPTS IN MEDICAL SURGICAL NURSING (3 CREDITS).**

The course is geared towards updating the master candidates knowledge related to new concepts in medical surgical nursing field that could help students to develop comprehensive view towards health and illness.

**NURS 626 ADVANCED EMERGENCY CARE NURSING (3 CREDITS)**

This course provides students with advanced strategies needed for developing expertise in emergency situations. It will focus on therapeutic interventions based on biosychosocial theories, evidence based standards of care used by advanced practice nursing with patients in emergency.

**NURS 627 HEALTH ASSESSMENT FOR CRITICALLY ILL PATIENTS (3 CREDITS).**

The course presents knowledge base for using techniques for health assessment of individuals across the life span. The role of the nurse in promoting patterns of positive health behaviors is emphasized. The student is also provided with an opportunity to practice physical assessment skills in the laboratory and in clinical settings.

**NURS 628 CONTEMPORARY CONCEPTS IN CRITICAL CARE NURSING (3 CREDITS).**

This course focuses on helping students increase their understanding of culturally-congruent care by utilizing cultural concepts, theories and research. Students will analyze factors that facilitate/hinder communication about health needs, acceptance of the health care regimen and access to health care system.

**NURS 635 EMBRYOLOGY AND GENETICS (3 CREDITS).**

The course enables students to acquire sound knowledge about the components of embryonic life and its continuity, the anatomic structure and their functions in conception, pregnancy and birth. Biological embryonic development and the placental formation will be emphasized.

**NURS 636 FAMILY PLANNING (3 CREDITS).**

The course provides students with the concepts included in family planning and the skills used for counseling women seeking family planning services.

**NURS 637 REPRODUCTIVE HEALTH (3 CREDITS).**

The course is intended to provide students with the necessary knowledge and practice that prepare them to be competent in providing reproductive and sexual health care to women during the maternity cycle.

**NURS 638 WOMEN PSYCHOLOGY (3 CREDITS).**

The course explores some basic concepts like identity image, crisis, loss and grief. Students are introduced to women's psychosexual development stresses like menarche, marriage and pregnancy. Students will explore some feminine situational stresses including miscarriage and femininity assaulted conditions. The nurses' role in managing women in different situations will be emphasized.

**NURS 645 PEDIATRIC MEDICINE (3 CREDITS).**

The course focuses on child's history taking, child's physical assessment including growth and development as well as preventive medicine. Emphasis will be on sick children with respiratory, circulatory, renal, gastrointestinal tract, blood, endocrine, nutritional, skin and communicable diseases from neonatal stage throughout adolescence.

**NURS 646 PEDIATRIC SURGERY (3 CREDITS).**

The course is designed help the students to care for infants and children with different surgical conditions both pre and post operatively as well as during operations.

**NURS 647 CHILD PSYCHOLOGY (3 CREDITS).**

The course reviews psychological, psychosocial, cognitive, moral and spiritual development of children with emphasis on its application in nursing practice. It expands students' knowledge and skills in behavior assessment and modification.

**NURS 648 CRITICAL CARE OF NEONATES (3 CREDITS).**

The course provides students with competence in the advanced nursing practice and management of high risk neonates using critical thinking and clinical decision making.

**NURS 655 PSYCHO-PHYSIOLOGY (3 CREDITS).**

The course is designed to study the relation between both basic neurological structures and functions and human behavior in health and illness. Pathological changes in neuro-physiology, neuro-chemistry and neuro-endocrinology and their role in the causation of mental disorders are emphasized.

**NURS 656 ALTERNATIVE THERAPIES IN PSYCHIATRIC AND MENTAL HEALTH NURSING (3 CREDITS).**

The course is designed to orient students about the broad range of healing philosophies, approaches and therapies that focus on the whole person including the bio-psychosocial and spiritual aspects. Examples of these alternative therapies may include herbal, exercise, massage, relaxation, therapeutic touch, yoga and biofeedback therapies. Nursing implications for the use of alternative therapies will be discussed.

**NURS 657 COUNSELING IN PSYCHIATRIC NURSING (3 CREDITS).**

The course presents the process and skills of counseling. Students will learn, practice and develop counseling skills such as attending, reflecting, active listening and mirroring. Students will also reflect on their roles as counselors. They will refine the qualities, knowledge base and skills essential to become a competent, ethical, culturally aware counselor in training. Additional topics such as case management, service linkage, client empowerment and access to treatment will be included.

**NURS 658 NURSING CLIENTS OF SUBSTANCE RELATED DISORDERS (3 CREDITS).**

The course is designed to provide nursing students with knowledge about alcoholism and drug abuse, related community resources and social agency networks, legal and ethical issues in its treatment and prevention. An overview of biopsychosocial issues theories and scientific research findings about these disorders will be reviewed. Treatment planning and case management, as well as the role of resistance and denial in recovery will be covered.

**NURS 665 EPIDEMIOLOGY (3 CREDITS).**

The course introduces candidates to the concepts and scientific methods used in epidemiology to assess and investigate any health problem. The incidence and prevalence of both communicable and non-communicable diseases are covered.

**NURS 666 FAMILY HOME CARE (3CREDITS).**

The course is directed toward developing and enhancing student's capabilities for understanding and analyzing the basic concepts and principles organizing nursing care at home. The students will be able to perform high quality nursing activities during illness; they will be able to provide restorative and maintenance care to clients and family to promote independence and improve the quality of their life in the community.

**NURS 667 COMMUNITY HEALTH PROBLEMS (3 CREDITS).**

The course introduces the students to the different socio-cultural factors affecting the health in the community. Particular emphasis is placed on the most common health problems in the community.

**NURS 668 SOCIETY-FAMILY & DEMOGRAPHY (3 CREDITS).**

The course introduces the students to the concepts, theories and new approaches to study the society and the family.

**NURS 675 PHYSIOLOGY OF ELDERLY (3 CREDITS).**

The course is designed to provide the students with concepts related to normal changes associated with ageing and consequences related to physiologic functioning.

**NURS 676 NUTRITION FOR ELDERLY (3 CREDITS)**

The course focuses on the nutritional needs and requirements of the elderly, common nutritional problems, risk factors and interventions will be discussed.

**NURS 677 PSYCHOLOGICAL ASPECTS OF ELDERLY (3 CREDITS)**

The course is designed to enable students to provide holistic care for older adults including psychological and social aspects of care.

**NURS 678 NEW TRENDS IN GERONTOLOGY NURSING (3 CREDITS)**

The course is designed to familiarize the student with contemporary nursing issues and trends and their relevance to care of elderly patients.

**NURS 685 HUMAN RESOURCES MANAGEMENT IN NURSING (3 CREDITS).**

The course examines and applies principles related to staffing, personnel evaluation and development.

**NURS 686 HEALTH CARE DELIVERY SYSTEM (3 CREDITS).**

The course provides an overview of health care delivery system, the organization and administration of health care institutions and health programs are also emphasized.

**NURS 687 EMPLOYEE'S BEHAVIOR IN NURSING (3 CREDITS).**

The course provides the students with an overview of employee's behavior in relation to motivation, conflict resolution, decision, change and productivity.

**NURS 688 DOCUMENTATION (3 CREDITS).**

The course explores types of records and reports, the responsibility of the nurse at all levels and the legal aspects will be emphasized. Students will be required to critically analyze existing records and reports in the hospital settings.