

## **Master Seminar: Reproductive Health Nursing**

### **Purpose**

To understand health issues and problems related to sexual and reproductive health and rights, and scientifically explore approaches to the subject as well as health support, based on relevant theories and research.

### **Objectives**

At the completion of the course, the students will be able to:

1. understand sexual and reproductive health rights.
2. understand health issues and problems related to sexual and reproductive health and rights.
3. understand and explain statistical data related to sexual and reproductive health and rights.
4. summarize and explain the subject approach and health support from relevant theories, methods, and literature.
5. explore and actively discuss health support, and have a desire to do so.

### **Description**

The course will promote students' learning on concepts of sexual and reproductive health and rights.

It will also provide the direction for students' discussions on health issues and problems in sexual and reproductive health and rights, and support them in deepening their discussion on how to support themselves as professionals.

## **Master seminar: Child and Family Health Nursing**

### **Purpose**

To help students understand the characteristics of a healthy life style in each stage of development, right from the fetal period to adolescence; discuss the typical difficulties—illnesses, disabilities, other health problems, crisis situations, and the accompanying psychological aspects of children and their families—that occur during the process of growing up; and explore nursing approaches to problem solving.

### **Objectives**

To gain an understanding of what research has been done on children with health problems from a nursing perspective.

### **Description**

The course will empower students to make presentations and discuss nursing issues in children, along with the diseases and disorders that afflict children.

## **Master seminar: Critical Care Nursing**

### **Purpose**

To understand the pathophysiological and physiological changes in persons whose life is threatened by acute organ failures and invasive treatments, discuss the observational framework for understanding these changes, and point out nursing problems.

### **Objectives**

1. To explain the concept of critical care nursing.
2. To describe the characteristic pathologies of persons in life-critical conditions and describe how to manage them.
3. To consider the framework of observations necessary for the assessment of persons in life-critical conditions and point out nursing problems related to 1 and 2 above.

### **Description**

The course will foster an understanding of the concept of critical care nursing—the care of persons in life-threatening conditions, regardless of the type or condition of the disease, which covers people of all ages, regardless of whether it is acute, convalescent, chronic, or terminal—and consider the nursing problems of patients with life-threatening conditions in the light of the target population's characteristic conditions, diagnosis, and treatment.

## **Master seminar: Chronic Care Nursing**

### **Purpose**

To impart basic knowledge necessary to provide nursing assistance to patients with chronic diseases and their families. In fact, this course is specifically designed to provide students with an overview of chronic nursing, the characteristics of chronically ill patients and their families, and an understanding of useful theories and concepts in the development of chronic nursing, so that ultimately, through literature subscriptions and discussions, they will be able to discuss the application of theories and concepts to nursing practice and research.

### **Objectives**

1. To provide an overview of chronic care nursing, the characteristics of patients with chronic diseases and their families, and the ethical issues that tend to arise in chronic care nursing.
2. To explain the historical background, definitions, contents of theories/concepts, and their characteristics, and the points to be kept in mind during their use in the development of chronic nursing.
3. To discuss the application of theories/concepts in nursing practice and research.

### **Description**

The course will provide patients with chronic diseases and their families with the fundamentals of nursing assistance. Specifically, it will provide an overview of chronic nursing, characteristics of these patients and their families, as well as useful theories and concepts for developing chronic nursing care.

## **Master seminar: Gerontological Nursing**

### **Purpose**

To impart basic knowledge of geriatric nursing to promote a better understanding of health issues surrounding older people and their families.

### **Objectives**

1. To understand assessments, specific to older people.
2. To understand health problems unique to older people and their care.
3. To undertake research, summarize, and present research topics related to older people, i.e., of interest to them.

### **Description**

The course will familiarize students with the basic theories of nursing care for older people, which they can use to deepen their understanding of current issues and challenges in nursing assistance, as well as to explore the necessary assistance methods for older people and their families.

## **Master seminar: Nursing Administration and Management**

### **Purpose**

To select two topics related to nursing management studies for study and discussion.

The first half of the course will focus on information management in nursing, discussions, and deepening the understanding of trends in informatization, information literacy, and information ethics in nursing.

The second half will focus on stress management in nursing and a deeper understanding of nursing management from a research perspective, by encouraging students to review and discuss research on key words, such as nurses' stress, related factors, measurement scales, and interventions.

### **Objectives**

1. To provide an overview of information management in nursing.
2. To discuss the trends and issues related to information technology in nursing and promote an understanding of the role of nurses.
3. To describe the impact of stress from nursing, and related factors experienced by nurses.
4. To describe measures to allay nurses' stress and related factors.
5. To describe interventions that could reduce nurses' stress.
6. To enable planning of interventions that would reduce nurses' stress.

### **Description**

The course consists of an omnibus with faculty members and a part-time lecture who runs a home nursing station.

## **Master seminar: Infection Control & Prevention Nursing**

### **Purpose**

To provide basic knowledge about healthcare-associated infections and nursing care for preventing infections. It will also discuss surveillance of epidemics, early detection of abnormalities, analysis of the causes of epidemics, as well as countermeasures and their evaluation. In addition, it will enhance understanding of the system of infection prevention and control, as well as promote a deeper understanding of medical safety through systematic efforts throughout the facility, including hospital tours.

### **Objectives**

1. To understand human defense mechanisms against infection.
2. To understand cases of infection caused by medical practices.
3. To understand the basics of epidemiological methods.
4. To understand the system of infection prevention and control through hospital visits.
5. To assist graduate students in the Department of Nursing for Infection Control and Prevention in identifying their research theme.

### **Description**

The course will disseminate measures to prevent and end infections expeditiously, based on an understanding of the infection prevention mechanisms in various foreseeable clinical situations. Infection prevention is important from a medical safety perspective since improper medical practiced can cause infections that could have been prevented.

## **Master seminar: Psychiatric and Mental Health Nursing**

### **Purpose**

To familiarize students with nursing theories and adjacent scientific theories of psychiatric nursing, necessary for understanding patients, who are the targets of psychiatric nursing and to provide nursing assistance. The role of the Psychiatric Nurse Specialist is to provide exceptional nursing assistance to patients, families, and populations.

### **Objectives**

1. To be conversant with comparable scientific theories for understanding persons with mental health problems.
2. To understand nursing theories and provide effective assistance to persons with mental problems.
3. To develop effective psychiatric nursing assistance methods for persons with mental health problems.

### **Description**

This course is designed to provide students with: i) an understanding of nursing theories and related scientific theories necessary to understand patients, who are the targets of psychiatric nursing; ii) nursing assistance through lectures, literature study, and discussions; and iii) opportunities to develop effective assistance methods through literature study, presentations, and discussions with target patients on nursing assistance.



## Master seminar: Community Health Nursing

### **Purpose**

To enable students to undertake research as well as explore concepts, theories, methodologies, and examples of support for individuals, families, and communities in public health nursing activities, present these, and thus, deepen their understanding through discussions.

### **Objectives**

1. To deepen understanding of the theories of support for individuals, families, and communities in community nursing and public health nursing activities.
2. To introduce literature (mainly research papers) on the concepts of community and public health nursing and support methods, and present these concepts and methods using easy-to-understand materials.
3. To encourage creative opinions about effective support methods for community residents.

### **Description**

This course covers the basics of public health nursing in the broad field of community health nursing, including the concept, theory, and support methods for public health nurses. It also examines the similarities and differences between these activities, and examines nursing efforts to improve the health status and solve health problems of communities. It mainly consists of presentations and discussions by graduate students.

## **Master seminar: Global and Community Health**

### **Purpose**

To provide an overview of "International health and global health," which are relatively new concepts with many different streams of history, but with no unified definition, as of now; deepen understanding of its main topics; and gain a foundation for considering the connections between health, society, and the world. In addition, to teach students the basics of international health research methodology, help them understand the process of research practice, and apply it to their own research plans. The same is true for the scope of international health, which is often thought of as a health issue in developing countries or as cooperation in developing countries, although this is not the case.

### **Objectives**

1. To understand the historical background, various definitions, and scope of international health.
2. To discuss analytically the connections between health and society, the world and its countermeasures.

### **Description**

The course will promote a broad understanding of the historical background, definitions, and scope of the concept based on leading textbooks and institutions. It will then consider several aspects of the connection between health and society and the world. Each section of the activity will cover a number of topics from each faculty member's research agenda and activities. Students will also be taught the basics of international health fieldwork practices and research methods that are often used in the field of international health.

## **Nursing Theory**

### **Purpose**

To systematically understand the nursing theory and correlated theories through which, it is influenced, and apply these theories to nursing practice. It will also provide students with a systematic overview of nursing theories and their content structure and characteristics, as well as explain the philosophical foundations of major nursing theorists, key concepts, their application to nursing practice, and their use in nursing practice, education, and research. In addition, students will be encouraged to consider the nursing theory's validity and its application in their own areas of interest, along with its specific use in practice, education, and research.

### **Objectives**

1. To outline a systematic overview of the nursing theory, explain the changes in it, its content structure, characteristics, and evaluation.
2. To understand the philosophical foundations, concepts, as well as the applications of major nursing theorists' nursing models to nursing practice, education, and research
3. To understand the construction of Roy's Adaptation Model—a broad theory—and its specific application to nursing practice/research/education, as well as its key concepts and practical applications.
4. To explain an overview of the family theory and how it can be applied to practice.
5. To examine the specific applications of the nursing theory and various other theories in practice/research/education in students' own areas of interest.

### **Description**

This course will familiarize students through lectures with theoretical thinking and methods of developing knowledge on the nursing theory and related theories, that form the knowledge base for nursing practice excellence, and deepen their understanding of the relationship between nursing practice, theory, and research. It will also encourage students to make presentations and engage in discussions to learn about the specific applications of the nursing theory and other related theories in practice, research, and education.

## **Nursing Research Methodology**

### **Purpose**

To promote an understanding of the basics of qualitative and quantitative approaches to research methods for making research in nursing meaningful, and conducting practical research activities to improve and develop professional knowledge and skills. In addition, students will acquire the ability to discuss the application of research results to clinical practice.

### **Objectives**

1. To describe the significance and purpose of research in nursing practice.
2. To explain the need for research protocol and how to prepare it.
3. To explain ethical considerations in nursing research.
4. To explain how to select a research topic.
5. To explain how to collect and analyze data for a quantitative approach to research.
6. To explain how to collect and analyze data for research using a qualitative approach.
7. To read research articles critically and discuss the clinical applications of research findings.

### **Description**

The course's academic advisors will provide individual guidance to students in the Master's Course on the basic issues that they must know in the research process, right from selecting their research topic to the writing of their thesis, as well as how to conduct the research in clinical settings and apply its results. The significance of research in nursing is to improve the quality of nursing practice and maximize the effectiveness of its services. To conduct such research in their respective fields of education and research, it is necessary for students to acquire scientific and logical thinking, basic research knowledge and skills, and examine ethical considerations, which are essential in nursing research involving human subjects.

## **Nursing Education**

### **Purpose**

To help students understand the linkage between basic nursing education as well as continuing education with a view to developing nursing professionals, who can provide high quality nursing practice. It will also assist students in deepening their understanding of the theories, educational content, and methods used in nursing education, and develop their ability to explore the ideal way of continuing education in nursing, including educational approaches and creating an educational environment expected by professional nurses.

### **Objectives**

1. To understand transitions and trends in the nursing education system that support basic and continuing education, and reflect upon how education should be provided to nursing professionals with diverse educational backgrounds.
2. To understand the theories that can be commonly applied to basic nursing education and continuing education.
3. To deliberate on the content, methods, and evaluation of basic nursing education and continuing education.
4. To understand the roles and significance of basic nursing education and continuing education, and understand how they work together.
5. To consider the expectations relating to nurse specialists' educational functions.

### **Description**

This course provides an overview of changes and trends in the nursing education system—the foundation of basic and continuing education—for developing nursing professionals who can provide high quality nursing practice. It will also deepen students' understanding of the structure and determinants of nursing curricula, theories of nursing education, and the content, methods, and evaluation of nursing education. In addition, it will discuss how nurses' skills should be developed through an examination of the linkage between basic nursing education and continuing education necessary for effective nursing skill development, as well as the educational functions expected of nurse specialists to improve care.

## **Nursing Ethics**

### **Purpose**

To educate students about the broad field of bioethics, and provide basic knowledge from the perspective of the general public, along with knowledge and process management to nurture "ethical awareness," "problem-solving skills," "organizational improvements," and "dialogue with stakeholders" from the perspective of healthcare professionals.

### **Objectives**

1. To understand basic knowledge of "ethical" and "legal" issues in theoretical bioethics.
2. To understand the "research" and "clinical" issues in bioethics.
3. To understand the ethical issues in nursing practice.
4. To understand how to address ethical issues.
5. To master the methods of ethical adjustments for resolving ethical issues.

### **Description**

This course provides a theoretical foundation in bioethics, and discusses ethical nursing practices to be observed by nursing professionals. It also teaches methods for ethical coordination among stakeholders and discusses ethical coordination through case studies.

## **Nursing Policy**

### **Purpose**

This course will help students to understand the process of policy formation and advocacy, the relationship between nursing practice and medical/nursing policy, and to view the nursing profession's future from the perspective of nursing policy advocacy. Students will also learn about nursing policy and nursing activities (policy recommendation, planning, and institutionalization) through specific examples. Since in our country, health care is implemented under social security policies; nursing practice is also implemented in conjunction with national medical and nursing policies. It is, therefore, important for nursing professionals to consider issues in nursing practice in relation to nursing policy.

### **Objectives**

1. To understand how our country's legislative administration and policy formation work.
2. To understand the system of nursing policy proposals and policy implementation.
3. To understand the relationship between nursing practice and the medical and nursing policy.
4. To assess issues in nursing practice in terms of nursing policy recommendations.
5. To learn about the relationship between nursing policy and nursing activities through concrete examples.

### **Description**

It consists of an omnibus of two professors.

## **Oncology Nursing**

### **Purpose**

To deepen students' understanding of the current state of cancer care and cancer nursing, the situation of cancer patients and their families, their nursing support, and to explore how to apply the knowledge to practice.

### **Objectives**

1. To explain the transition of cancer treatment and the environment surrounding cancer treatment.
2. To understand and express opinions about the experiences of patients living with cancer and their families, using examples and evidence.
3. To select and explain theories that can be utilized in providing assistance to patients living with cancer and their families.
4. To discuss care for patients and families in the process of cancer treatment.

### **Description**

The course will enable students to learn the theories and concepts underlying nursing care for patients living with cancer and their families, and through discussion deepen their understanding of their application to practice and research



## **Palliative Nursing**

### **Purpose**

To understand the physical, psychological, and social problems of people experiencing distress, and examine evidence-based nursing assistance methods for relief.

### **Objectives**

1. To understand the goals and concepts of palliative care and how these have changed over time, and express opinions on how palliative care should be provided.
2. To understand the physical, psychological, social, and spiritual issues of persons experiencing distress and give their opinions on them.
3. To understand and give opinions on evidence-based ways to help alleviate symptoms of distress.
4. To express opinions about end-of-life care, bereavement care, and care relating to ethical issues.

### **Description**

This study will focus on a variety of subjects and broadly study palliation, end-of-life care, survivor care, and ethical issues, which are required to improve patients' quality of life. as well as provide seamless support from a long-term perspective, along with nursing methods for providing such support. Patients and their families face a variety of physical, psychological, social, and spiritual distress throughout long illnesses. As a result, the demands of palliative care have greatly expanded to include the elimination of patients' suffering.

## **Nursing Consultation**

### **Purpose**

To foster an understanding of the concepts and techniques of consultation for solving practical problems in clinical situations and acquiring the fundamentals of consultation skills necessary for professional nurses.

### **Objectives**

1. To understand the theoretical foundations of consultation.
2. To understand consultation techniques.
3. To be able to understand the consultant-consultant relationship.
4. To be able to understand consultation practices through CNS lectures and exercises.

### **Description**

The course will facilitate students' acquisition of consultation skills necessary for CNS, through lectures, exercises, and case studies of actual CNS consultation cases.

## **Physical Assessment**

### **Purpose**

To provide students with the knowledge and skills necessary to systematically examine the physical and mental conditions of patients with complex health problems, as well as make clinical judgments and nursing decisions, which are essential for high-quality nursing care, as advanced practice nurses.

### **Objectives**

1. To examine patients' physical and mental status using the accurate knowledge and skills required for advanced physical assessment.
2. To make clinical judgments based on advanced physical assessment and explain the care required for patients' health problems.

### **Description**

The first half of the course provides a broad and deep knowledge of techniques for: i) the systematic examination of health disorders considering both physical and mental aspects and ii) the physical assessment of characteristics related to developmental stages in older people and children. The second half uses case studies with simulators to develop students' ability to perform physical assessment from multiple perspectives, thereby empowering students to acquire the knowledge and skills necessary to make clinical decisions relating to patients with complex health problems.

## **Pathophysiology**

### **Purpose**

To provide students with knowledge of the pathology and physiology of diseases that occur throughout the body—including functional disorders related to respiratory, cardiovascular, digestive, renal urinary, cerebral, neurological, motor, hematopoietic (including organs), endocrine and metabolic systems—which are essential for making evidence-based clinical nursing decisions and practice nursing care for patients with various health disorders.

### **Objectives**

1. To explain the mechanisms of each dysfunction and disease.
2. To explain the implications of monitoring and various tests related to understanding the disease.
3. To explain the rationale for treatment selection and the expected outcomes based on pathology and physiology.
4. To explain the application to nursing practice of assessments based on pathophysiology.

### **Description**

The course will provide students with evidence-based knowledge necessary to interpret whole-body pathophysiological changes taking place in patients, and make clinical nursing decisions by discussing typical diseases as examples of organ malfunctions, with text abstracts and lectures on the pathophysiology.

## **Basic Epidemiology**

### **Purpose**

To provide students with epidemiological concepts and methods, as well as an understanding of the statistical fundamentals necessary for epidemiological analysis. Epidemiology, which is defined as "the study of the distribution and determinants of health-related conditions and events in a population and the application of the results of that study to the prevention and control of health problems," can also be said to be a tool for diagnosing "population health," targeting a specific "population" characterized by conditions, such as a community or organization (e.g., workplace or school). It is, therefore, necessary not only for diseases, but also for the control of all undesirable health conditions and even for taking steps to promote desirable health conditions.

### **Objectives**

1. To define and measure health events in a population.
2. To outline what epidemiological study designs are appropriate for what purposes.
3. To explain the meaning of random errors, bias, and confounding factors, how to control them, and make causal inferences.
4. To understand the characteristics of statistical distributions, especially normal distributions.
5. To perform descriptive statistics appropriate to the type of data.
6. To make statistical inferences (estimation and testing).

### **Description**

The course provides a systematic study of epidemiology and basic statistics, comprising knowledge and skills requiring a basic understanding of all health professions, whether clinical or public health, for practitioners or researchers, using standard introductory texts to ensure that the above objectives are achieved.

## **Clinical Pharmacology**

### **Purpose**

To provide students with the knowledge and skills necessary to safely and maximally demonstrate the effects of drug therapy which are a requisite for quality nursing care since as advanced practice nurses, students will need to make decisions on drug use, monitor patients after drug administration, adjust their lives, promote resilience, and improve patients' ability to manage their medications, with a focus on drugs required for emergency first aid, symptom control, and chronic disease management.

### **Objectives**

1. To explain the pharmacokinetics and characteristics of drugs used in response to patients' health problems, and their relationship to the condition of patients and the need for their use.
2. To describe the key monitoring and management points for the characteristics of the drugs used.
3. To explain how to assist patients to improve their ability to manage medication, based on innovations and considerations that take into account their individuality.

### **Description**

The course covers basic knowledge of pharmacology, such as the types of drugs, their pharmacokinetics, and the monitoring points for administering pharmacotherapy for health disorders. It also includes: i) lectures by practitioners that will provide knowledge on team medicine and medical safety, which are important for the safe delivery of pharmacotherapy, and ii) case studies focusing on group discussions to develop students' ability to put their knowledge into practice. Through monitoring patients, adjusting their lives, promoting resilience, and improving patients' ability to manage their medication, students will acquire the knowledge and skills necessary for nursing patients undergoing various medication therapies.

## **Clinical Physiology**

### **Purpose**

To provide students with comprehensive skills in anatomy and physiology, by focusing on the physiology of urination, necessary anatomy and physiology, medication usage methods for each disease, precautions after drug administration to patients, and life adjustments to excretion care. The goal is to enable students to acquire the knowledge and skills that they would require for high quality nursing care as advanced practice nurses, and to provide appropriate voiding management in any field.

### **Objectives**

1. To understand urological diseases that are mainly related to the physiology of urination, the pathogenesis of the diseases being treated, and explain the need for treatment.
2. To understand treatment modalities, the characteristics of each modality, and explain the advantages and disadvantages of each modality.
3. To explain methods of assistance based on devices and the points to be kept in mind, taking into account patients' individuality, for improving the ability to manage excretion care.

### **Description**

The course will help students to gain a better understanding of: various urological diseases related to urinary physiology, including anatomical aspects, the symptoms and treatment of each disease, and acquire the knowledge necessary for nursing care. It will also provide them with knowledge about team medicine and incontinence care, which are important in the delivery of treatment, and include case exercises focusing on group discussions to develop the ability to put their knowledge in to practice. By monitoring patients, adjusting their lives, promoting resilience, and improving patient elimination skills, students will acquire the knowledge necessary to care for patients undergoing various treatments.

## **Diagnostic Forensic Medicine**

### **Purpose**

To provide information about forensic issues related to child abuse, domestic violence, drug addiction, mass disasters, and home health care, as well as to understand the basics necessary to respond appropriately and flexibly.

### **Objectives**

1. To explain the definition of death.
2. To forensically describe and differentiate the characteristics of each injury.
3. To explain the forensic characteristics of death by asphyxiation.
4. To explain child abuse.
5. To outline the topic of drug abuse.

### **Description**

Students will learn the following contents in the course:

- Cause of Death
- Corpse Phenomenon
- Damage Theory
- Choking
- Child Abuse
- Forensic Addiction Studies