

MND 502: Nutritional Counseling & Education Methods

3 Credit Hours

Prerequisites: BS in dietetics or equivalent

Course description

Explore counseling and learning theories for individuals and groups in community and clinical settings. Includes discussion and experience in building rapport, assessment, diagnosis, intervention, monitoring, evaluation, and documentation. Students will also develop skills in assessing readiness for change, health literacy and motivational interviewing, Literature review of specific counseling, health literacy, learning theories and behavior modification. Students will apply these principles in the clinical setting as they assist in the management of health behaviors in a patient-centered approach.

MND 521: Critical Thinking in Nutrition

3 Credit Hours

Prerequisites: BS in dietetics or equivalent

Course description

The course is designed to assist the student in development of a skeptical, open mind and serious analytical thinking to identify, analyze and evaluate evidence and problems. Skillful use of critical reading and writing as a mode of thinking assist the student in development of the ability to present information in an orderly and coherent way. Through the deliberate and disciplined process of critical thinking, the student is able to analyze and evaluate the strength of evidence in the nutrition discipline. The process assists students to gradually increase their expertise in clinical reasoning as reliable professionals ensuring quality client care. The course will utilize the elements of thought and the universal intellectual standards to critically think through the complex problems and issues in nutrition and patient care.

MND 524: Concepts in Pharmacology & Pathophysiology

3 Credit Hours

Prerequisites: BS in dietetics or equivalent

Course description

Explores the nature, cause and treatment of disease including the etiology, signs, symptoms, medical terminology, diagnostic evaluation, and pharmacological management. Basic pathogenesis of human disease will be reviewed. Designed for the dietetic student to provide a foundation for clinical practice and future didactic courses.

MND 526: DI Supervised Practice I

0 Credit Hours

Prerequisites: BS in dietetics or equivalent

Course description

A practicum/supervised practice experience that includes medical nutrition therapy, and community rotations and further develops the skills to determine nutrition diagnoses & etiologies, macro/micronutrient needs and formulate appropriate medical nutrition therapy plans utilizing the 9 step NCP. The interrelationships of nutrition with biochemical, physiological, and anatomical changes associated with acute, chronic, and terminal illness are considered in development of the basic NPE skills. Experiences take place in hospitals, clinics, and other practice settings in which medical nutrition and community nutrition services are provided. These rotations are designed to meet the ACEND competencies for entry-level practice. Approximately 464 hours are associated with this course. This course includes a didactic component that serves to enhance the supervised practice experiences.

MND 527: DI Supervised Practice II

0 Credit Hours

Prerequisites: MND 526

Course description

A practicum/supervised practice experience that includes medical nutrition therapy, and research concepts that further develops the skills to determine nutrition diagnoses & etiologies, macro/micronutrient needs and formulate appropriate medical nutrition therapy plans utilizing the 9 step NCP. Research concepts will be applied to further understanding interrelationships of nutrition with biochemical, physiological, and anatomical changes associated with acute, chronic, and terminal illness are considered in development of the basic NPE skills. Experiences primarily consist of case study application, but may take place in hospitals, clinics, and other practice settings in which medical nutrition services are provided. These rotations are designed to meet ACEND competencies for entry-level practice. Approximately 80 hours of supervised practice are associated with this course.

MND 528: DI Supervised Practice III

0 Credit Hours

Prerequisites: MND 527

Course description

A practicum/supervised practice experience that includes medical nutrition therapy, and community rotations and further develops the skills to determine nutrition diagnoses & etiologies, macro/micronutrient needs and formulate appropriate medical nutrition therapy plans utilizing the 9 step NCP. The interrelationships of nutrition with biochemical, physiological, and anatomical changes associated with acute, chronic, and terminal illness are considered in development of the basic NPE skills. Experiences take place in hospitals, clinics, and other

practice settings in which medical nutrition and community nutrition services are provided. These rotations are designed to meet the ACEND competencies for entry-level practice. Approximately 472 hours are associated with this course. This course includes a didactic component that serves to enhance the supervised practice experiences.

MND 529 DI Supervised Practice IV

0 Credit Hours

Prerequisite: BS in dietetics or equivalent

Course description

A practicum/supervised practice experience that includes Food service/clinical management. Approximately 160 hours of supervised practice are associated with this course. Experiences take place in hospitals, and other practice settings in which food services are provided. These rotations are designed to meet the ACEND competencies for entry-level practice.

At the completion of the course, the student will:

- Have completed the required supervised hours for this course as well satisfactory completion of the required competencies, evaluations, and study guides

MND 531: Supervised Practice I

2 Credit Hours

Prerequisites: BS in dietetics or equivalent

Course description

A practicum/supervised practice experience that includes medical nutrition therapy, food service/clinical management and/or community rotations and further develops the skills to determine nutrition diagnoses & etiologies, macro/micronutrient needs and formulate appropriate medical nutrition therapy plans utilizing the 9 step NCP. The interrelationships of nutrition with biochemical, physiological and anatomical changes associated with acute, chronic, and terminal illness are considered in development of the basic NPE skills.

Experiences take place in hospitals, clinics, and other practice settings in which medical nutrition and community nutrition services are provided. These rotations are designed to meet the ACEND competencies for entry-level practice. This course includes a didactic component that serves to reinforce the supervised practice experiences.

MND 535: Nutrition Diagnostics & Assessment 1

3 Credit Hours

Prerequisites: BS in dietetics or equivalent

Course description

Introduction to nutrition diagnosing and assessment using Kight's Nutrition Care Process. Discussion, case studies, literature review and small group work form the basis for providing the foundation in using diagnostic codes to write diagnostic statements and consider intervention strategies. Nutrition assessment will be studied in the context of the NCP, with focus on the 5

axes of evidence. The states of protein calorie malnutrition, stress, and inflammation will be investigated in the context of specific pathological conditions.

MND 541: Nutrition Diagnostics & Assessment 2

3 Credit Hours

Prerequisites: MND 535 & MND 530 or DI supervised practice

Course description

This course is designed to facilitate the application of Kight's nutrition care process in a variety of more complex client settings. Skill development in use of the 5 axes of evidence to gather relevant client information will be emphasized. Further development of clinical skills in use of the NPE, hand grip dynamometer and diagnostic criteria for PCM will be a focus. The micronutrient NPE will be introduced and incorporated as a clinical assessment tool. The interplay of inflammation, pathology, aging, cachexia, and sarcopenia with nutritional status will be investigated. Discussion, lecture, group work and case studies will serve as the basis for the learning environment.

MND 551: Nutrition and Health Enhancement

3 Credit Hours

Prerequisites: MND 535 & MND 530 or DI supervised practice

Course description

An in-depth look at the role of nutrition in the enhancement of wellness and management of chronic disease. Normal human physiology and pathophysiology will be reviewed to better understand the relationship between health and disease. Established and contemporary nutrition therapies will be explored and evaluated to create nutrition therapy plans in a variety of patient scenarios.

MND 556: Supervised Practice II

2 Credit Hours

Prerequisites: MND 531

Course description

A practicum/supervised practice experience that includes medical nutrition therapy, food service/clinical management and/or community rotations and further develops the skills to determine nutrition diagnoses & etiologies, macro/micronutrient needs and formulate appropriate medical nutrition therapy plans utilizing the 9 step NCP. The interrelationships of nutrition with biochemical, physiological and anatomical changes associated with acute, chronic, and terminal illness are considered in development of the basic NPE skills.

Experiences take place in hospitals, clinics, and other practice settings in which medical nutrition or community nutrition services are provided. These rotations are designed to meet the ACEND

competencies for entry-level practice. This course includes a didactic component that serves to reinforce the supervised practice experiences

MND 557: Independent Practice

1 Credit Hour

Prerequisites: MND 556

Course description

160-hour clinical practicum. With preceptor guidance, the student assumes the role of the clinical RD in providing clinical nutrition care of patients, utilizing the 9-step NCP and incorporating NK/ND modeling. Experiences take place in hospitals, clinics, and other practice settings in which medical nutrition services are provided. As the student progresses to the latter part of the course, the student should be able to perform duties of the clinical RD independently, with minimal direction and assistance from the preceptor.

MND 560: Supervised Practice III

2 Credit Hours

Prerequisites: MND 557

Course description

A practicum/supervised practice experience designed for graduate level students. Opportunities to utilize foundational and advanced nutrition assessment skills, including the nutrition-focused physical exam, Kight's Nutrition Care Process, nutriokinetic and nutridynamic modeling are provided. Experiences may take place in the hospital, clinics or in the community setting. This course requires availability during designated weekday(s), nights, and/or weekends.

MND 571: Supervised Practice IV

2 Credit Hours

Prerequisites: MND 560

Course description

A practicum/supervised practice experience designed for graduate level students. Opportunities to utilize foundational and advanced nutrition assessment skills, including the nutrition-focused physical exam, Kight's Nutrition Care Process, nutriokinetic and nutridynamic modeling are provided. Experiences may take place in the hospital, clinics or in the community setting. This course requires availability during designated weekday(s), nights, and/or weekends.

MND 581: Integrative Approaches in Nutrition

3 Credit Hours

Prerequisites: BS in Dietetics or equivalent

Course description

Literature-based course designed to compare emerging nutrition research with traditional approaches with the goal of advancing practice knowledge and skills. Student-led and instructor supported reading and discussion groups provide the basis for the course structure, building upon knowledge and practice experiences.

MND 600: Research Methods in Nutrition

3 Credit Hours

Course description

Explores foundational research principles relevant to the nutrition professional. Types of research, research design, methods of data collection, critical analysis, bias, significance, and unique problems in nutrition research will be explored. Nutrition literature will be utilized and critically evaluated to reinforce concepts and add utility in clinical practice. The process of developing a research proposal will be discussed.

MND 611: Application of Clinical Reasoning to Diagnose Nutrient Imbalances

3 Credit Hours

Prerequisites: MND 541

Course description

This course is designed to increase competency and proficiency in nutrition diagnosing/ clinical problem-solving skills. The course takes an advanced look at nutrition imbalances, considering short and long latency nutrition disease through Kight's advanced level practice Nine-Step Nutrition Care Process. Clinical reasoning theory and approaches will be investigated, along with interview and history taking techniques. Advanced casework will be used to work through the NCP with emphasis on diagnosing macronutrient and micronutrient imbalances.

9.52 Explain intervention theory that explains how (and under what circumstances) the nutritional intervention will generate expected outcome

MND 640: Advanced Nutrition Assessment in Chronic Disease 1

3 Credit Hours

Prerequisites: MND 541 or approval of instructor

Course description

An in-depth look at nutrition assessment in a variety patient conditions. Advanced examination of the 5 axes of evidence will be used to help formulate diagnostic statements, and targeted individualized goals and interventions. The role of inflammation in the development and progression of malnutrition will be investigated in the context of a variety of chronic conditions.

MND 650: Advanced Nutrition Assessment in Chronic Disease 2

3 Credit Hours

Prerequisites: MND 640 or approval of instructor

Course description

An in-depth look at nutrition assessment in a variety of additional patient conditions not previously investigated. Advanced examination of the 5 axes of evidence will be used to help formulate diagnostic statements, and targeted individualized goals and interventions. The role of inflammation in the development and progression of malnutrition will be investigated in the context of a variety of chronic conditions.

MND 665: Evidence-Based Practice in Nutrition

3 Credit Hours

Prerequisites: MND 600

Course description

Utilizes foundational research principles to assess nutrition research to make clinical decisions. A variety of topics and case scenarios will be utilized to demonstrate the use of current best evidence to form individualized approaches to patient care. Point of Care resources will be reviewed and utilized to promote quick, evidence-based decisions needed in clinical settings.