

MEDICAL NUTRITION EDUCATION (MNED)

MNED 875 RESEARCH METHODS IN MEDICAL NUTRITION I 3 Credit Hours

An introduction to the basic components of the medical nutrition research process including formulation of a valid research hypothesis and appropriate research methodology in a clinical practice setting. Students will be introduced to the fundamental concepts of research methods, enabling them to critically evaluate published research in medical nutrition. Course content includes appropriate procedures for conducting a comprehensive literature review, hypothesis development, study design, and statistical analysis. Students will develop a research proposal and will complete CITI training.

Prerequisite: Permission of instructor.

MNED 877 MEDICAL NUTRITION AND DIAGNOSIS RELATED CARE 3 Credit Hours

This course focuses on nutrition care for patients with varied medical diagnoses. Format includes lectures by practicing clinicians and case studies from clinical settings to apply knowledge of nutrition assessment, diagnosis and intervention.

Prerequisite: Permission of instructor.

MNED 975 APPLIED MEDICAL NUTRITION RESEARCH II 3 Credit Hours

This course is designed to familiarize students with evidence based research and libraries, provide experiences designed to develop oral presentation and professional writing skills, and provide the experience of conducting medical nutrition research in the clinical setting. Students will obtain IRB approval for their research proposal developed in MNED 875, and execute the research project using appropriate methods, ethical procedures, and statistical analysis. Students will present their findings orally in class and in poster format at the CAHP Forum on Evidence-Based Medicine. Students will be assigned published papers and specific sections of books to read, and websites to visit prior to classes five through seven. The papers will be used as examples of study design. The website provides current information on dietary supplements and their regulation.

Prerequisite: MNED 875 and permission of instructor

MNED 977 MEDICAL NUTRITION AND THE NUTRITION CARE PROCESS 3 Credit Hours

A didactic course designed to analyze nutrition care practice using the American Dietetic Association Nutrition Care Process. Students will engage in application of strategies associated with evidence based practice and outcome measures in the medical nutrition therapy.

Prerequisite: MNED 877 and permission of instructor.

MNED 998 SPECIAL TOPICS IN MEDICAL NUTRITION 1-3 Credit Hours

An independent study course that allows students to explore in depth a specific topic not offered in existing curriculum. Topics may include an evidence for specific nutrition therapy or other medical nutrition issues.

Prerequisite: Permission of instructor.