

Catalog Course Descriptions

DIET 6000

An introduction to the field of nutrition and dietetics, and a foundational understanding of the principles and concepts within the clinical nutrition arena

Includes: key terminology, ethical considerations, systematic evaluation of an individual's nutritional status, and the importance of evidence-based practices in the field.

DIET 6010

Investigation into the functions of macronutrients—carbohydrates, lipids, proteins, and amino acids—along with probiotics, as they relate to health and development throughout life. Students will explore the biochemical pathways of macronutrient metabolism, the effects of genetic variations on nutrient utilization, and strategies for personalized nutrition.

DIET 6020

Exploration of the metabolism of vitamins, minerals, and bioactive compounds from natural and supplemental sources, emphasizing their roles in health and disease across various life stages. Topics include the functions, dietary sources, deficiency states, and toxicities of essential micronutrients, alongside the impact of genetic conditions such as hemochromatosis and Wilson's disease.

HLTH 6710

Applied practical problem-based approaches to commonly used public health statistics. Emphasis on data dissemination to non-technical and expert audiences, such as creation of technical reports and infographics. Data analyzed using statistical and data visualization software.

DIET 6030

This course uses a systems-thinking approach to cover the full spectrum of food production, distribution, consumption, nutrition/health, and waste management, for the purpose of guiding these processes to meet contemporary challenges and future demands.

DIET 6040

Community Nutrition Programs explores advanced concepts and strategies in community nutrition focusing on the design, implementation, and evaluation of nutrition programs in diverse populations.

DIET 6050

Medical Nutrition Therapy (MNT) -a specialized course within the field of nutrition and dietetics
A focus on the application of nutrition principles to manage and treat various medical conditions
Students delve into the integration of nutrition science with clinical practices to develop therapeutic nutrition interventions tailored to individuals with specific health needs

HLTH 6200

The effects of environment and occupations on health discussed. Considers such factors as solid waste, water, wastewater, insects, rodents, noise, and occupation. Discusses the historical background of human ecology, communicable disease control, and special programs and problems in public health.

DIET 6500

DIET 6500 includes the final case study project for the MPH Dietetics Concentration and the Supervised Learning Experiences in the areas of clinical, food systems, and community nutrition.

This consists of a detailed case study generated from the professional experiences of covering for the Registered Dietitian in the agreed upon medical unit or community agency of choice.

HLTH 6850

Principles and methods of epidemiologic analysis including standardization; stratified analysis; confounding and its control; planning and conducting epidemiologic research; role of multivariate analysis in epidemiologic research.

HLTH 6510

Investigates the determinants of health and the role of public health and health care on the health status of the population of the United States. Study of biological, socioeconomic, cultural, and behavioral factors that influence health status and care in America.

HLTH 6860

Program planning, theories and models of health education and promotion, development of interventions, and program implementation, including mission, goals, objectives, and activities of health education and promotion programs. Introduces needs assessment and program evaluation.