

NUTRITION (NUTR)

NUTR 641 Nutritional Biochemistry I 3 Credit Hour(s)

Online Prerequisite: HLTH 640

Advanced study of biochemical molecules with emphasis on the composition and structure of organic functional groups, carbohydrates, proteins, lipids, DNA, and RNA. Enzyme function, cellular membrane dynamics, protein synthesis, and genomics will also be discussed.

Offered: Online

NUTR 642 Nutritional Biochemistry II 3 Credit Hour(s)

Online Prerequisite: NUTR 641

Advanced study of the nutritional principles, physiology, and biochemical pathways of metabolism of proteins, carbohydrates, lipids, vitamins, and minerals as related to human health and disease.

Offered: Online

NUTR 645 Child and Adolescent Nutrition 3 Credit Hour(s)

Evaluation and application of current research that supports nutrition recommendations that result in optimal health for young children and adolescents. Explores determinants of nutritional status and strategies for prevention of prevalent nutritional concerns.

Offered: Online

NUTR 646 Nutrition for Pregnancy and Lactation 3 Credit Hour(s)

An introduction to the nutritional requirements during pregnancy and lactation. Main topics include: maternal nutrition during pregnancy and lactation, composition of human milk and formula, feeding practices of infants and toddlers, and the nutrient requirements of infants.

Offered: Online

NUTR 647 Geriatric Nutrition 3 Credit Hour(s)

Exploration of the topics related to the health and well-being of the aging and aged. Nutrition needs, lifestyle behaviors, and physical activity will be discussed in relation to chronic conditions in the later years.

Offered: Online

NUTR 648 Nutritional Program Planning 3 Credit Hour(s)

Exploration of successful models of the development, implementation, and evaluation of nutrition intervention programs which aim to improve health and support wellness through changing nutritional behavior.

Offered: Online

NUTR 649 Nutrition Education 3 Credit Hour(s)

Application of current theories and techniques of education to the field of nutrition and dietetics. Practical application of communication techniques, motivational interviewing, learning theories and behavior change techniques, and factors affecting eating patterns. Nutrition psychology and the psychoanalytic approach to nutrition counseling will be emphasized in the class.

Offered: Online

NUTR 650 Nutrition Research 3 Credit Hour(s)

Online Prerequisite: HLTH 501 and HLTH 503 and HLTH 640

Research use and development as it applies to nutrition practice: effective use of the literature in evidence based practice and research development, problem development, methodology, analysis and reporting of results and conclusions.

Offered: Online