

**Master of Science Health Science  
Concentration Nutrition  
Academic Year 2019-2020**

DEGREE REQUIREMENTS:
FALL MODULE 1
HSCI 6345 Legal and Ethical Issues in Healthcare
DIET 6300 Pathophysiology of Disease
FALL MODULE 2
HSCI 6307 Health Care Policy, Organization, and Financing
NUTR 6340 Nutrition in Diabetes Patient Care
SPRING MODULE 1
HSCI 7302 Professional Proposal Writing
NUTR 6330 Integrative Nutrition
SPRING MODULE 2
HSCI 6310 Research in Health Science
NUTR 6350 Perspectives and Treatment Modalities of Eating Disorders
SUMMER MODULE 1
HSCI 6300 Intro HealthCare Sys & Quality Improvement
NUTR 6320 Prevention and Treatment of Obesity
SUMMER MODULE 2
INFS 6340 Healthcare Informatics
NUTR 6310 Nutrition Throughout the Life Cycle

Module Duration: 7 weeks

Course Credit Hours: 3

## Master of Science Health Science Concentration Nutrition Course Descriptions

### NUTR 6300/CLSC 6300 Pathophysiology of Disease

This course explores the phenomena that produce changes in normal cellular and tissue functions as well as related physiologic processes resulting from aging and various disease processes.

### NUTR 6310 Nutrition Throughout the Life Cycle

This course explains the role of nutrition in the life cycle including pregnancy and lactation, infancy, childhood, adolescence, adulthood, and aging adults. Study of nutritional requirements during each period of life cycle and its physiological basis, assessment of nutritional status, factors that determine food intake patterns in these age groups, and consequences of malnutrition will be discussed.

### NUTR 6320 Prevention and Treatment of Obesity

The course focuses on development of knowledge and skills for the learner to be able to set up and deliver an effective weight management program. Will cover topics such as management of obesity and prevention of co-morbidities, client assessment, dietary intervention, physical activity, and motivational interviewing and behavior change.

### NUTR 6330 Integrative Nutrition

This course will give an overview of complementary and alternative medicine and how to integrate it with nutrition. The course will cover topics including alternative medicine, nutritional supplements and other unconventional healing modalities as they relate to nutrition.

### NUTR 6340 Nutrition in Diabetes Patient Care

The course will review practical information regarding management of diabetes, education theories, pathophysiology, and critical processes to patient education. Upon completion of the course, the learner will be able to provide diabetes-related medical nutrition therapy and be prepared to take the Certified Diabetes Educator (CDE) certification pending completion of the remaining requirements.

### NUTR 6350 Perspectives and Treatment Modalities of Eating Disorders

This course provides an overview of the etiology, diagnosis and treatment of eating disorders, including anorexia, nervosa, bulimia nervosa, binge eating disorder and other less common disorders. Treatment is considered from a team-based approach to include psychological, cognitive and physiological processes.