

# NUTRITION AND DIETETICS (NUTR)

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## **NUTR 500 Nutrition Communication & Education Skills (4 Units)**

Prerequisite: permission of instructor. Theory and development of communication and education skills essential to dietetics practice; interpersonal communication; interviewing; nutrition counseling, education techniques, media and current technology. (Formerly 7760:500)

## **NUTR 503 Advanced Food Preparation (3 Units)**

Prerequisite: permission. Study of advanced techniques of food preparation. Introduction to and interpretation of classical and foreign cuisines. Emphasis on individualized experience, skill development and evaluation of procedures and results. (Formerly 7760:503)

## **NUTR 513 Food Systems Management II (3 Units)**

Prerequisites: Acceptance into the graduate program or permission of the instructor. Advanced concepts in management of dietetic service systems relating to achievement of nutritional care goals. (Formerly 7760:513)

## **NUTR 524 Nutrition in Life Cycle (3 Units)**

Prerequisite: permission of the instructor. Study of the physiological basis for nutritional requirements; interrelating factors which affect growth, development, maturation and nutritional status from conception through the elderly years. (Formerly 7760:524)

## **NUTR 526 Human Nutrition (3 Units)**

Prerequisites: Acceptance into the graduate program or permission from the instructor. Corequisites: NUTR 543. Application of principles of nutrition, metabolism and assessment. Analysis and interpretation of current literature. (Formerly 7760:526)

## **NUTR 528 Nutrition in Medical Science II (5 Units)**

Prerequisites: Acceptance into the graduate program or permission of instructor. Emphasizing nutritional implications of more complex metabolic and pathological conditions as well as nutrition support strategies. (Formerly 7760:528)

## **NUTR 529 Supervised Experiential Learning in Nutrition (3 Units)**

Prerequisites: NUTR:624 and NUTR:616. Clinical experience in various clinical nutrition sites; application of principles of nutritional care. (Formerly 7760:529)

## **NUTR 543 Nutrition Assessment (3 Units)**

Corequisites: NUTR 526. Application of principles of nutrition and assessment. Analysis and interpretation of current literature. Open to dietetics majors only. (Formerly 7760:543)

## **NUTR 544 Supervised Experiential Learning in Long Term Care (3 Units)**

Prerequisites: NUTR:624 and NUTR:616. Clinical and foodservice experiences in long term care facilities for application of principles of nutritional care and foodservice management. (Formerly 7760:544)

## **NUTR 570 Food Industry: Analysis & Field Study (3 Units)**

Prerequisite: permission. Role of technology in extending the food supply. Chemical, physical and biological effects of processing and storage, on-site tours of processing plants. (Formerly 7760:570)

## **NUTR 574 Cultural Dimensions of Food (3 Units)**

An examination of cultural, geographical and historical influences on development of food habits. Emphasis on evolution of diets; effects of religion, education, gender roles, media. (Formerly 7760:574)

## **NUTR 576 Developments in Food Science (3 Units)**

Prerequisite: Permission. Advanced study of the chemistry and physics of food components affecting characteristics of foods. Critical evaluation of current basic and applied research emphasized. (Formerly 7760:576)

## **NUTR 580 Community Nutrition (3 Units)**

Socio-cultural aspects of community assessment, program implementation and evaluation, and rationales for nutrition services. (Formerly 7760:580)

## **NUTR 581 Community Nutrition I-Clinical (1 Unit)**

Corequisite: NUTR 580. Field placement in area agencies offering nutrition services. Study of the agency's goals, organization, and philosophy of nutritional care. Credit/noncredit. (Formerly 7760:581)

## **NUTR 582 Community Nutrition II (3 Units)**

Prerequisites: NUTR 580 (NUTR 581 for CP student only). Corequisite: NUTR 583 for CP student only. This course will focus on managing nutrition services for productivity (economic, community and labor resources, and evaluation), and educating the dietitians' 'various publics' about nutrition. (Formerly 7760:582)

## **NUTR 583 Supervised Experiential Learning in the Community (3 Units)**

Prerequisites: NUTR:624 and NUTR:616. Field placement in area agencies offering nutrition services. Study of the agency's goals, organization, and philosophy of nutritional care. (Formerly 7760:583)

## **NUTR 585 Seminar in Health Professions (1-3 Units)**

Prerequisite: Permission of instructor. Exploration and evaluation of current developments in selected areas. (Formerly 7760:585)

## **NUTR 587 Sports Nutrition (3 Units)**

Prerequisite: Permission of instructor. In-depth study of energy metabolism and utilization before, during and after exercise. Factors affecting nutrient needs and peak performance of different athletic populations are emphasized. (Formerly 7760:587)

## **NUTR 588 Practicum in Dietetics (1 Unit)**

Prerequisites: NUTR 529, NUTR 580, NUTR 610, NUTR 616, and NUTR 624. Practical experience in application of the principles of nutrition. (Formerly 7760:588)

## **NUTR 589 Professional Preparation for Dietetics (1 Unit)**

Prerequisite: Open to those dietetics students in the Didactic Program or Graduate program who plan to apply for a Dietetic Internship. Historical aspects of dietetics and where the profession is going. Specialty areas of dietetic practice are explored. Students prepare the application for dietetic internship. (Formerly 7760:589)

## **NUTR 593 Nutrition for Athletes (3 Units)**

Study of metabolism before, during, and after exercise. Factors affecting nutrient needs and peak performance of different athletic populations are emphasized. (Formerly 7760:593)

## **NUTR 604 Orientation to Graduate Studies in Health Professions (1 Unit)**

Introduction to the concepts and processes necessary for graduate study in health professions. (Formerly 7760:604)

## **NUTR 610 Food Systems Management (3 Units)**

Theoretical concepts in the management of dietetic food service systems, and application of principles and procedures to achieve nutritional goals. (Formerly 7760:610)

## **NUTR 616 Clinical Nutrition (3 Units)**

Prerequisite: NUTR 624. Study of Medical Nutrition Therapy (MNT) and its relationship to metabolic and pathological conditions, as well as nutrition support strategies. (Formerly 7760:616)

**NUTR 624 Advanced Human Nutrition (3 Units)**

Prerequisites: Undergraduate or graduate-level courses in nutrition and biochemistry. In-depth study of human nutrition emphasizing metabolism physiological functions, and interrelationships of carbohydrate, protein and lipids and the determinants of human energy requirements. (Formerly 7760:624)

**NUTR 625 Advanced Human Nutrition II (3 Units)**

Prerequisite: NUTR 624 or equivalent. In-depth study of human nutrition with and emphasis in the utilization, physiological functions and interrelationships of vitamins and minerals. (Formerly 7760:625)

**NUTR 680 Current Issues in Nutrition (3 Units)**

Study of current issues in the field of nutrition science. Each semester that it is offered, this course will explore a specific issue relevant to current research and practice in the field of nutrition as it relates to biology, immunology, applied nutrition, and epidemiology. (Formerly 7760:680)

**NUTR 685 Research Methods in Health Professions (3 Units)**

A study of health sciences research methods emphasizing concept and theory development, quantitative and qualitative methodologies. (Formerly 7760:685)

**NUTR 688 Practicum in Nutrition and Dietetics (3 Units)**

Prerequisites: NUTR:529, NUTR:544, NUTR:580, NUTR:610, NUTR:616, and NUTR:624. Practical experience in application of the principles of nutrition. (Formerly 7760:688)

**NUTR 690 Thesis Research/Reading (3 Units)**

Prerequisite: Permission of thesis advisor. Supervised reading and research related to approved thesis topic. May be repeated once. (Formerly 7760:690)

**NUTR 694 Masters Project (5 Units)**

Prerequisite: Permission of advisor. The development, implementation and evaluation of a community-based supervised project which makes a significant contribution to the field and may lead to publication. (Formerly 7760:694)

**NUTR 696 Individual Investigation in Nutrition and Dietetics (1-3 Units)**

Prerequisite: Permission of advisor. Individual Investigation and analysis of a specific topic in student's area of specialization of interest under direction of a faculty advisor. (Formerly 7760:696)

**NUTR 699 Masters Thesis in Health Professions (5 Units)**

Prerequisite: permission of advisor. Supervised research in a specialized area of the health profession which makes a contribution to the field and may lead to publication. (Formerly 7760:699)