

FAMILY AND CONSUMER SCIENCES (FCS)

FCS 500 - Human Metabolism (3.0 hours)

Biochemistry of energy and nutrient utilization in relation to human biological functions, performance, disease prevention, and health. Cross-listed with FCS 400. The graduate-level course will have additional requirements beyond those of the undergraduate course.

Prerequisite: Enrollment in MS in Nutrition and Dietetics program

FCS 501 - Community Nutrition Intervention (2.0 hours)

Students will learn skills to design and evaluate an evidence-based nutrition intervention program including conducting a needs assessment, designing intervention strategies, and evaluating program effectiveness.

Prerequisite: FCS 503 or concurrent enrollment; or consent of instructor

FCS 502 - Seminar in Dietetics (1.0 hour)

An orientation to the Master of Science in Nutrition and Dietetics program and an introduction to the profession of dietetics, as well as professional development for practice. Topics include the history of the profession, legal and ethical consideration, cultural humility, interdisciplinary healthcare teams, mentorship, and professional career development.

Prerequisite: Enrollment in the MS program in Nutrition and Dietetics

FCS 503 - Behavior Change Theories (1.0 hour)

Overview of behavior change theories and their use in health promotion.

Prerequisite: B or better in FCS 310, enrollment in MS Nutrition and Dietetics program, or consent of instructor.

FCS 504 - Motivational Interviewing (1.0 hour)

Theory and principles of motivational interviewing, hands-on skills practice and application.

Prerequisite: FCS major and B or better in FCS 202, enrollment in the MS Nutrition and Dietetics Program, or consent of instructor.

FCS 505 - Therapeutic Food Development (2.0 hours)

Hands-on application with menu planning, food production, and food science principles to modify foods to meet nutritional requirements.

Prerequisite: FCS 305 or Enrollment in MS in Nutrition and Dietetics Program

FCS 506 - Influencing Health Choices: Strategies and Tools (2.0 hours)

Principles of developing evidence-based strategies to influence nutrition and health choices and addressing misinformation.

Prerequisite: Enrollment in MS in Nutrition and Dietetics program or consent of instructor

FCS 507 - Nutrition Assessment (1.0 hour)

Assessing nutrition through food/nutrition-related history, anthropometrics, biochemical data, nutrition-focused physical examinations, and client history.

Prerequisite: FCS 411 or FCS 511 or concurrent enrollment

FCS 508 - Management in Food Service (3.0 hours)

Advanced application of theories, principles, and functions of management to a food service system operation. Emphasis on advanced qualitative and quantitative evaluation of food service systems operations. Cross-listed with FCS 408. The graduate-level course will have additional requirements beyond those of the undergraduate course.

Prerequisite: Enrollment in MS Nutrition and Dietetics Program or consent of instructor

FCS 509 - Nutrition Support (1.0 hour)

Overview of nutrition support therapy including managing nutrient deficiencies and malnutrition with enteral and parenteral nutrition.

Prerequisite: B or better in FCS 400 or 500 and B or better in FCS 507

FCS 510 - Topics in Global Wellness (3.0 hours)

Designed to provide global cultural experiences that focus on nutrition and wellness. Emphasis is placed on the health and wellness systems of different cultures, including complementary and alternative medicine (CAM).

FCS 511 - Medical Nutrition Therapy I (3.0 hours)

Biochemical and physiological principles underlying dietary modification in the prevention and treatment of various conditions with an emphasis on integrated supervised experiential learning activities.

Prerequisite: B or better in FCS 500

FCS 512 - Medical Nutrition Therapy II (3.0 hours)

Biochemical and pathophysiological rationale and therapeutic dietary modifications for various disease conditions with an emphasis on integrated supervised experiential learning activities.

Prerequisite: B or better in FCS 511

FCS 513 - Cultural Influences in Food and Nutrition (3.0 hours)

This course explores the cultural influence of food and nutrition with particular attention to the impact that food patterns have on nutritional status and health.

Prerequisite: Enrollment in MS Nutrition and Dietetics Program or consent of instructor

FCS 514 - Sustainable Food Systems (2.0 hours)

Core Curriculum: EL

Exploration of local, national, and global food systems, the impacts on sustainability and nutritional health including food security, and policy implications.

Prerequisite: FCS 202 or 303 or enrollment in MS Nutrition and Dietetics Program

FCS 518 - Older Adult Nutrition (2.0 hours)

Unique nutritional considerations and issues of older adults including nutrient needs, nutritional issues, and the role of diet in aging.

Prerequisite: B or better in FCS 302, enrollment in MS Nutrition and Dietetics program, or consent of instructor

FCS 519 - Beyond Weight (2.0 hours)

Perspectives of weight-inclusive health compared to weight-centric health, including examination of weight stigma, non-diet approaches to health, and body image.

Prerequisite: B or better in FCS 400, enrollment in MS Nutrition and Dietetics program, or consent of instructor

FCS 541 - Research Methods (2.0 hours)

Introduction to concepts, methods, and strategies for research. Topics include article database search, literature review, the nature of scientific research, research idea conceptualization, formulation of hypotheses and research questions, research proposals, and Institutional Review Board (IRB) requirements.

Prerequisite: Enrollment in the MS in Nutrition and Dietetics program, or MA in Nonprofit Leadership program, or consent of instructor.

FCS 550 - Foundations Play (3.0 hours)

Theories of play and the importance of play in child development from birth to 18 years. Examination of play environments on children's play and therapeutic play sessions. Cross-listed with FCS 450. For cross-listed undergraduate/graduate courses, the graduate-level course will have additional academic requirements beyond those of the undergraduate course.

Prerequisite: ETE 210 or FCS 342, or equivalent

FCS 551 - Child Nutrition (2.0 hours)

Nutritional considerations, conditions, and issues during infancy, childhood, and adolescence.

Prerequisite: B or better in FCS 302, enrollment in MS in Nutrition and Dietetics program, or consent of instructor.

FCS 552 - Nutrition in Pregnancy and Lactation (2.0 hours)

Physiological changes during pregnancy and lactation, nutrient needs, and dietary strategies to support optimal outcomes. Students will examine evidence-based guidelines, common challenges, and practical applications for nutrition professionals.

Prerequisite: B or better in FCS 302, enrollment in MS Nutrition and Dietetics program, or consent of instructor

FCS 585 - Topics in Family & Consumer Sciences (1.0-6.0 hours)

Topics of special interest which may vary each time course is offered. Topic stated in current Schedule of Classes.

Prerequisite: senior or graduate standing, and consent of instructor.

FCS 586 - Supervised Research in Family and Consumer Sciences (1.0-6.0 hours)

Graduate student research in Family and Consumer Sciences under faculty supervision. May be repeated up to a total of 6 credit hours.

Prerequisite: Graduate standing in FCS; consent of instructor.

FCS 595 - Supervised Experiential Learning (1.0-3.0 hours)

Professional experiential learning supervised by an approved preceptor for a minimum of 100 contact hours. May be repeated up to a total of 3 credit hours.

Prerequisite: Graduate standing in FCS; consent of instructor.

FCS 596 - Supervised Experiential Learning in Maternal/Child Nutrition (1.0-3.0 hours)

Professional experiential learning in a maternal or child nutrition setting supervised by an approved preceptor for a minimum of 100 contact hours. May be repeated up to a total of 3 credit hours.

Prerequisite: Consent of program director

FCS 695 - Supervised Experiential Learning in Food Service Management (2.0 hours)

In this course, students will work directly with approved preceptors in the food service setting for a minimum of 200 hours. Satisfactory/Unsatisfactory.

Prerequisite: B or better in FCS 508

FCS 696 - Supervised Experiential Learning in Community Dietetics (2.0 hours)

In this course, students will work directly with approved preceptors in the community setting for a minimum of 200 hours. Satisfactory/Unsatisfactory.

Prerequisite: B or better in FCS 501

FCS 697 - Supervised Experiential Learning in Clinical Dietetics (3.0 hours)

In this course, students will work directly with approved preceptors in the clinical setting for a minimum of 300 hours. Satisfactory/Unsatisfactory.

Prerequisite: B or better in FCS 507, B or better in FCS 511, B or better in FCS 512

FCS 699 - Thesis Research (0.0-6.0 hours)

Design and conduct a nutrition/wellness themed-research project. May be repeated for a maximum of six semester hours.

Prerequisite: Enrollment in the DI-MS program or consent of program director; FCS 641