

## Course Descriptions

### Definition of Prefixes

DIE-Dietetics; FES- Fire and Emergency Services; FFP-Fire Fighting and Protection; FOS-Food Science; FSS-Food Service Systems; HSC- Health Sciences; HUN-Human Nutrition; IDS-Interdisciplinary Studies; PHC-Public Health; SOW-Social Work

F-Fall semester offering; S-Spring semester offering; SS-Summer semester offering.

Courses that meet the University's Global Learning requirement are identified as GL.

**DIE 3005 Orientation to Dietetics (1).** Survey of role and responsibilities of the dietitian. Legal and ethical considerations necessary for the student dietitian in clinical experiences. Educational and personal qualifications for specialization in dietetics. Prerequisites: Admission to Dietetics major, HUN 2201. (SS,F)

**DIE 3125 Management of Dietary Systems (3).** Survey of various types of institutional food service systems; management concepts in planning, implementing, and evaluating food service systems. Prerequisite: Admission to Dietetics major. Prerequisite or Corequisite: FSS 3233C. (SS)

**DIE 3125L Applied Management of Dietary Systems (1).** Application of principles of food service production and management including production, service, food sanitation and safety. Prerequisites: Admission to Dietetics major, FSS 3233C. Corequisite: DIE 3125. (SS)

**DIE 3126 Dietetic Information Systems (3).** Survey of various types of institutional food service systems; management concepts in planning, implementing, and evaluating food service systems.

**DIE 3175 Dietetic Management Practicum (4).** Developing skills for DIE 3125 and DIE 4365. Clinical assignments in several food service institutions in this area. Clinical component: open only to students in the Coordinated Program. Prerequisites: DIE 3355 and DIE 4277. (F)

**DIE 3244 Medical Nutrition Therapy (3).** Techniques of assessing nutritional status and adjusting nutrient/energy intake to accommodate medical treatment. Prerequisites: Admission to Dietetics major, Organic Chemistry (CHM 2200 or equivalent), Physiology (HSC 3549 or equivalent), HUN 4403. (F)

**DIE 3244L Medical Nutrition Therapy Lab (1).** Application of nutritional assessment and dietary prescriptions to accommodate medical treatment. Prerequisite: Admission to Dietetics major. Corequisite: DIE 3244. (F)

**DIE 3310 Dietetics in Community Health (3).** Study of community agencies providing nutrition guidance for differing age groups. Emphasis on influencing nutrition and health care policy. Prerequisites: Admission to Dietetics major, HUN 2201, DIE 3005, HUN 4403. (F)

**DIE 3355 Dietetics in Community Health Practicum (2).** Observation and participation in activities of community agencies. Nutrition education and counseling experiences. Clinical component: Open only to students in the Coordinated Program. Corequisite: DIE 3310. (F)

**DIE 3434 Nutrition Education – GL (2).** Planning for groups/individual basic nutrition and clinical nutrition education, and working with the instructional media. Prerequisites: Admission to Dietetics major, HUN 4403. Corequisites: FOS 3021, DIE 3434L. (F)

**DIE 3434L Nutrition Education Laboratory (1).** Students plan and practice various forms of nutrition education individual, groups and instructional media. Prerequisite: Admission to Dietetics major. (F)

**DIE 4195 Special Problems in Dietetic Administration (1-3).** In-depth study of a problem in dietetic administration chosen to coincide with a student's interest and career goals. Student will develop objectives stated in behavioral terms and demonstrate skills in information gathering, analysis, and technical writing. Prerequisite: Permission of the instructor.

**DIE 4246 Clinical Nutrition (3).** Study of the complex dietetic problems accompanying metabolic disorders. Determination of nutrient requirements based on pathophysiological conditions. Prerequisites: Admission to Dietetics major, DIE 3244. (S)

**DIE 4246L Clinical Nutrition Laboratory (1).** Application of nutrient requirements for the treatment of complex pathophysiological conditions. Prerequisites: Admission to Dietetics major, DIE 3244 and DIE 3244L. Corequisite: DIE 4246. (S)

**DIE 4277 Clinical Nutrition Practicum (4).** Participation in activities in clinical affiliations focusing on nutritional assessment, planning, treatment and follow-up of patients. Clinical component: open only to students in the Coordinated Program. Corequisite: DIE 4246. Prerequisite: DIE 3355. (S)

**DIE 4296 Special Problems in General Dietetics (1-3).** In-depth study of a problem chosen to coincide with student's interest and career goals. Student develops behavioral objectives and demonstrates skills in information gathering, analysis and technical writing. Prerequisite: Permission of the instructor. (F,S,SS)

**DIE 4365 Dietetic Management of Nutrition Programs (3).** Advanced concepts of managerial functions as an institutional consultant, a member of a community nutrition program, a private therapeutic consultant, full time institutional food service administrator. Advanced standing required. Prerequisites: DIE 3125 or permission of the instructor, Admission to Dietetics major, basic competency in management principles. (F)

**DIE 4365L Applied Dietetic Management of Nutrition Programs (1).** Observation and participation in community agencies, institutions, and simulated setting the development of entry level competencies in the management of nutrition and food service programs. Prerequisite: DIE 3125 and DIE 3125L. Corequisite: DIE 4365. (F)

**DIE 4435 Nutrition Counseling and Communication Skills (3).** Nutrition counseling methods and communication skills for development of entry level competencies. Advanced standing in dietetics required. Prerequisites: Admission to Dietetics major, DIE 3244, DIE 3434. (S)

**DIE 4435L Nutrition Counseling and Communication Skills Lab (1).** Small group video recorded practice in instruction counseling communication skills. Prerequisite: Admission to Dietetics major. Corequisite: DIE 4435. (S)

**DIE 4506 Seminar in Dietetics and Nutrition (3).** Professional skills development for career effectiveness in today's job world; emphasis on speaking and writing related to contemporary nutrition issues. Prerequisites: Admission to Dietetics major, senior standing. (F,S,SS)

**DIE 4536 Advanced Practicum in Dietetics (9).** In-depth study combining theoretical concepts and clinical experience. Learning experience planned cooperatively by the student, campus instructor, and clinical instructor to meet student needs and goals. Prerequisites: DIE 4246, DIE 4277, and permission of Director of the Coordinated Program. Clinical component: Open only to students in the Coordinated Program. (S)

**DIE 4537 Supervised Dietetics Practice I (6).** Practical application of knowledge and skills in a supervised practice setting. Prerequisites: Permission of the instructor. (SS)

**DIE 4538 Supervised Dietetics Practice II (6).** Continuation of practical application of knowledge and skills in a supervised practice setting. Prerequisite: Permission of the instructor.

**DIE 4564 Evidence Based Research in Dietetics (3).** Research methodology for planning, conducting and analyzing evidence based research in applied dietetics. Prerequisite: Admission to Dietetics major. (F,S)

**DIE 4963 Comprehensive Dietetic Examination (1).** A comprehensive examination of the dietetics and nutrition curriculum. Prerequisite: Senior standing. (F,S,SS)

**FES 3046 Personnel Management for Fire and Emergency Services (3).** This course examines relationships in personnel administration and human resource development within fire related organizations.

**FES 3533 Community Risk Reduction (3).** This course examines the ethical, sociological, organizational, and political components of a community risk reduction plan related to the fire service.

**FES 3734C Emergency Management and Homeland Security (3).** The course examines the issues related to domestic and international terrorism from an emergency management perspective. Emphasis is placed on how to plan for, respond to & recover from such events.

**FES 3780 Analytical Approaches to Public Fire Protection (3).** This course examines the tools and techniques of rational decision making in fire and emergency management agencies. Including Geographic Information Systems (GIS).

**FES 3804C Disaster Response (3).** An understanding of the characteristics, functions, and resources of an integrated disaster response system are covering in conjunction with the rules of various emergency management services.

**FES 3807C Disaster Recovery (3).** This course emphasizes the policies, topics, & procedures necessary to respond to a natural or human-induced disaster.

**FES 3824C Business Continuity Crisis Management (3).** This course examines business continuity management (BCM) and the underlying assumptions that accompany the theoretical and practical approaches to this process from a disaster management perspective.

**FES 3833C Emerging Issues in Environmental Disaster Management (3).** This course will provide you with the knowledge & skills needed to plan for, respond to & recover from natural or man-made disasters.

**FES 3842C International Disaster Management (3).** This course will discuss practical and theoretical issues associated with international disaster management.

**FES 3854C Risk and Vulnerability Assessment (3).** This course examines the processes and actions emergency managers take in assessing risk & vulnerability of communities prior to a man-made or natural disaster.

**FES 3859C All-Hazards Preparation (3).** Analyze how to protect critical facilities and infrastructure from hazardous events. Analyze planning processes for hazard mitigation, disaster recovery, and continuity of operations.

**FFP 3785 Chief Officer (3).** This course will examine the requirements of being a chief officer in the fire service.

**FOS 3004 Food and the Consumer (3).** Study of purchasing, storage, and preparation of food. Consideration of life style influences on food choices. Designed to develop skills in purchasing and preparing foods to meet personal, social, and physical needs. Demonstration laboratory included.

**FOS 3021 Fundamentals of Food (3).** Study of selection, processing, and preparation of food with attention to quality and nutrient retention. Corequisite: FOS 3021L. (F,SS)

**FOS 3021L Fundamentals of Food Laboratory (1).** Techniques of food preparation to maintain nutrients and food quality. Corequisite: FOS 3021. (F,SS)

**FOS 4041 Food Science (3).** Physical and chemical changes in food occurring as a result of various methods of processing, preparation, and storage. Prerequisites: Admission to Dietetics major, Organic Chemistry, HUN 3122 or HUN 2201, FOS 3021, or equivalents. Corequisite: FOS 4041L. (S,SS)

**FOS 4041L Food Science Laboratory (1).** Experimental laboratory in the physical and chemical characteristics of food. Prerequisite: Admission to Dietetics major. Corequisite: FOS 4041. (S,SS)

**FSS 3316 Food Science for Institutions (3).** Proper food handling in institutional settings with use of sound management principles closely coordinated with food science advances and government regulations. Laboratory and field trips to strengthen theoretical concepts. Prerequisite: FOS 3021.

**HSC 4751 Statistical Applications (3).** The intent of this course is to familiarize students with the basic approaches to social research as applied in healthcare settings. Emphasis will be placed on techniques for organizing and presenting data for policy and management decision-making.

**HUN 2000 Foundations of Nutrition Science (3).** An integrated functional survey of nutrition science as it relates to human physiology, physiological chemistry, food chemistry and biotechnology. Intended for the non-science major. Corequisite: Foundations of Nutrition Science Laboratory. (All semesters).

**HUN 2000L Foundations of Nutrition Science Laboratory (1).** To apply the scientific method to nutrition science as it relates to human physiology, physiological chemistry, food chemistry and biotechnology. Corequisite: Foundations of Nutrition Science. (All semesters).

**HUN 2201 Principles of Nutrition (3).** Nutrients and their interrelationships, requirements of individuals, and food sources. Investigates current controversies, fads/fallacies, and health related issues. (F,S,SS)

**HUN 3122 Applied Nutrition (3).** Study of the scientific principles of nutrition and impact of culture on nutrition and health. Recommended for Junior-Senior non-majors.

**HUN 3191 World Nutrition – GL (3).** Strategies for improving cross-cultural competence in conducting needs assessments, program planning, and implementation in nutrition services. Prerequisite: HUN 2201. (F,S,SS)

**HUN 3294 Women’s Nutrition Issues (3).** Focus is on women, health and nutrition. Covers nutrition throughout women’s life cycle, principles of absorption, digestion, metabolism, food composition, local to international issues. New labeling laws, current nutrition research. (F)

**HUN 3414 Nutrition for the Athlete (3).** Exploration of nutrition in the enhancement of health and athletic performance. Nutrition claims targeted to the exercising population will be evaluated. Prerequisite: HUN 2201.

**HUN 4240 Nutrition and Biochemistry (3).** Study of the relationship of nutrition and biochemistry with emphasis on digestion, absorption, metabolism of nutrients, and determination of norms. Prerequisites: Admission to Dietetics major, CHM 2211, CHM 2211L or CHM 2200, CHM 2200L. (F,S,SS)

**HUN 4241 Advanced Nutrition (3).** Roles of nutrients in metabolic processes. Effects of excesses and deficiencies. Prerequisites: Admission to Dietetics major, HSC 3549 or PCB 3702, BCH 3033 or HUN 4240, HUN 2201 and HUN 4403. (F,S)

**HUN 4403 Life Cycle Nutrition (3).** Nutrient requirements, dietary adequacy, food habits, special nutritional concerns during pregnancy, infancy, childhood, adolescence, and adulthood including aging. Prerequisites: HUN 2201 or HUN 3122. (F,S)

**HUN 4404 Nutrition, Physical Activity and Special Populations (3).** Study of nutrition and physical activity, nutrition and special populations, especially pediatrics and older adults. Prerequisites: Admission to Dietetics major, DIE 3244, DIE 3244L. (S)

**HUN 4701 Nutrigenomics (3).** Nutrigenomics is an emerging discipline that studies both the impact of nutrition on gene expression and the relationship between diet, genetics and disease. Prerequisites: PCB 3063 and BCH 3033 or CHM 4304, HUN 2201. (S)

**IDS 3183 Health Without Borders – GL (3).** This is an undergraduate course to orient students; regardless of their major field of studies, with a global perspective of the interrelatedness of factors affecting health that transcends borders.

**IDS 3189 International Nutrition, Public Health and Economic Development – GL (3).** This course will examine the impact of global public health, nutrition and economic development on the physical and political environment. Recommended also for non-majors.

**PHC 2402 Sexual Issues in Public Health (3).** Public Health policy and its relation to understanding sexual health and the variety of factors that affect individual’s sexual lives.

**PHC 3101 Introduction to Public Health (3).** This course examines principles of public health practice, with emphasis on history, philosophy, scope, law and regulations, and recent trends of public health.

**PHC 4024 Principles of Applied Epidemiology (3).** Methods and techniques used by epidemiologists investigating the distribution and causes of diseases are studied. A holistic approach to principles of disease surveillance and control is studied. Prerequisite or Corequisite: HSA 3111.

**PHC 4189 Disaster Management Ensuring Success and Avoiding Failure (3).** This course analyzes disasters for best practices, contributions made by various agencies and potential areas that could be improved upon.

**PHC 4234 Public and Private Continuity Planning for Emergencies (3).** This course evaluates disaster management, crisis management, contingency planning, and organizational continuity, recovery and restoration issues facing public and private sector organizations.

**PHC 4250 Crisis Leadership in Disasters (3).** Analyze disasters through methods of leadership. Developing effective leaders who take responsibility and build teams in the preparation, response, and recovery phases of an incident is paramount.

**PHC 4302 Introduction to Environmental Public Health (3).** This course covers a description and analysis of environmental/occupational factors that affect the health of a community.

**PHC 4308 Biological Basis of Environmental Public Health (3).** This course will introduce students to cell biology and basic anatomy, physiology, pathophysiology of major organ systems.

**PHC 4318 Introduction to Biological Basis of Environmental Public Health (3).** This course will introduce students to cutting-edge research in the field of environmental public health with a focus towards better treatment and prevention of human diseases.

**PHC 4375 Community Participation in Homeland Security (3).** This course evaluates and analyzes the role of community involvement in assisting professional disaster managers in keeping communities safe before, during and after an incident.

**PHC 4376 Disaster by Design: Exercise Development for Homeland Security Professionals (3).** This course analyzes the role disaster exercises play in the preparation phase of disaster planning. Students will design and participate in such exercises.

**PHC 4940 Internship in Disaster Management (3).** On-the-job learning experiences at approved organizations allow interns to assist and observe all job functions and duties related to various aspects within their respective industry.

**PHC 4509 Introduction to Health Promotion in Public Health (3).** This course is an introduction to the role of health promotion in public health; it will address successes and failures in marketing public health program; it will discuss practical ways to prevent premature causes of death and policies.

**SOW 2001 Explanation of Human Services Professions (3).** An overview of human services professions focusing on social work, generalist human services, couples and family counseling, clinical and counseling psychology, and school counseling.

**SOW 3100 The Social Environment and Human Behavior II (3).** Study of individual development, personality, and behavior from a bio-psychological and sociocultural perspective with emphasis on the life cycle, giving attention to racial/ethnic, gender and sexual orientation variables. Prerequisites: Social Work majors and by permission only; SOW 3113, Biology with Human Content.

**SOW 3113 The Social Environment and Human Behavior I (3).** Study of the socio-cultural factors (including racial, ethnic, and gender and sexual orientation variables) affecting human development and behavior in families, groups, organizations, and communities. Prerequisites: Social Work majors or by permission of the instructor only; biology with human content.

**SOW 3203 Introduction to Social Work (3).** An overview of the profession of social work within the institution of social welfare. Historical and philosophical development, field of practice, values, and ethics.

**SOW 3232 Social Welfare Policy and Services I (3).** This course considers the major social welfare programs in the United States: how they emerged and developed, and how they operate today. Analysis of financial resources, decision-making processes, and structure of delivery systems serves as a basis for understanding policy assessment. Prerequisites: Social Work majors or by permission of the instructor only; American government; economics. Corequisites: American government; economics.

**SOW 3233 Social Welfare Policy and Services II – GL (3).** This course examines the frameworks and methods used to analyze social welfare policy and programs. Special attention is paid to current policy issues in the Social Welfare system and strategies that can be used to achieve policy change. Prerequisites: Social Work majors and by permission only; American Government, Economics, SOW 3232, SOW 3203.

**SOW 3313 Social Work Practice with Families and Individuals (3).** Overview of generalist social work practice with a focus on individuals and families. Social work practice framework and principles, use of values/ethics and skill development are included. Prerequisites: Social Work majors and by permission only; SOW 3113, SOW 3203, SOW 3100. Corequisite: SOW 3100.

**SOW 3350 Interviewing Techniques Lab (3).** This is a competency-based course providing students with basic interviewing skills for Social Work practice. Emphasis is on acquisition of interviewing behavior rather than theory. Prerequisites: Social Work Majors or by permission only Corequisites: SOW 3313 or by permission only

**SOW 3403 Social Work Research (3).** Introduction to the basic language, methods, and skills of scientific research for beginning social work practice. Problem formulation, literature review, definition of variables, sampling, data collection and analysis, and report writing are addressed. Prerequisites: Social Work majors or by permission of the instructor only; statistics.

**SOW 3620 Social Work and Human Diversity – GL (3).** Prepares students for generalist social work practice with diverse populations focusing on knowledge, attitude, and skills. A global learning course. Prerequisites: Social Work majors or by permission of the instructor only; SOW 3203.

**SOW 3801\* Self-Awareness and Self-Modification for Practice (3).** An experience oriented course directed toward helping students become aware of their own interpersonal processes and how these may influence their skill and effectiveness as professional helping persons. Emphasis is on personal learning.

**SOW 4272\* Comparative Social Welfare Policy (3).** A combination seminar and lecture course in which students will analyze and compare social welfare policy, problems, and programs in various countries.

**SOW 4322 Social Work Practice with Groups (3).** This course is designed to provide the theories and techniques of generalist social work practice with small groups in a wide range of social service agencies and with a diverse client population. Prerequisites: Social Work majors and by permission only; SOW 3113, SOW 3232, SOW 3203, SOW 3403, SOW 3100, SOW 3233, SOW 3313, SOW 3620, SOW 3350. Corequisites: SOW 4511L, SOW 4522.

**SOW 4332 Social Work Practice with Communities and Organizations (3).** Provides an understanding of planned change at the community level from a social work perspective, as well as strategies and methods utilized in community organization practice. Identification of generalist skills and prevalent models of groups and community organization in social work practice. Prerequisites: Social Work majors and by permission only; SOW 3113, SOW 3232, SOW 3203, SOW 3403, SOW 3100, SOW 3233, SOW 3313, SOW 3620, SOW 3350, SOW 4322, SOW 4511L, SOW 4522. Corequisites: SOW 4512L, SOW 4523.

**SOW 4341\* Behavioral Approaches to Social Work Practice (3).** An introduction to the basics of learning theory as applied to social work settings. A review of principles of cognitive and learning theory applied to generalist practice.

**SOW 4511L Practicum I (7).** The first of two practicum courses that provide students with the opportunity to apply and integrate generalist social work knowledge and skills in a supervised experience. Prerequisites: Social Work majors and by permission only; SOW 3113, SOW 3232, SOW 3203, SOW 3403, SOW 3100, SOW 3233, SOW 3313, SOW 3620, SOW 3350. Corequisites: SOW 4322, SOW 4522.

**SOW 4512L Practicum II (7).** The second of two practicum courses that provide students with the opportunity to apply and integrate generalist social work knowledge and skills in a supervised practice experience. Prerequisites: Social Work majors and by permission only; SOW 3113, SOW 3232, SOW 3203, SOW 3403, SOW 3100, SOW 3233, SOW 3313, SOW 3620, SOW 3350, SOW 4322, SOW 4511L, SOW 4522. Corequisites: SOW 4332, SOW 4523.

**SOW 4522 Field Seminar I (2).** This seminar is taken concurrently with SOW 4511L and SOW 4322. It is designed to analyze the field practicum experience by emphasizing the integration of theory and practice. Prerequisites: Social Work majors and by permission only; SOW 3113, SOW 3232, SOW 3203, SOW 3403, SOW 3100, SOW 3233, SOW 3313, SOW 3620, SOW 3350. Corequisites: SOW 4322, SOW 4511L.

**SOW 4523 Field Seminar II (2).** This seminar is taken concurrently with SOW 4512L and SOW 4332. It is designed to analyze the field practicum experience by emphasizing the integration of theory and practice. Prerequisites: Social Work majors and by permission only; SOW 3113, SOW 3232, SOW 3203, SOW 3403, SOW 3100, SOW 3233, SOW 3313, SOW 3620, SOW 3350, SOW 4322, SOW 4511L, SOW 4522. Corequisites: SOW 4332, SOW 4512L.

**SOW 4654\* Child Welfare: Policy and Practice (3).** This course will explore professional practice and policy issues in child welfare with emphasis on interventions in child maltreatment. Prerequisites: SOW 3113 and SOW 3232.

**SOW 4658\* Interventions in Child Maltreatments (3).** This course will examine best practices in the health, mental health and socio emotional development of children and adolescents within the child welfare system. Prerequisite: SOW 3113.

**SOW 4679 Behavioral Health Issues Related to Disasters (3).** A combination seminar and lecture course in which undergraduate students learn the fundamentals of mental and behavioral health issues in disaster response and recovery. Prerequisite: SOW 3113, or DEP 2000 or CLP 2001, or PSY 2012 or permission of instructor.

**SOW 4684\* Professional Values in the Human Services (3).** This course is designed to assist students in identifying, exploring, and experiencing the values inherent in professionalism, as they are manifested in the various human service professions. Material will be presented in a didactic and experiential manner with emphasis upon student involvement in the value clarification process. Prerequisite: Senior standing.

**SOW 4905\* Individual Study (1-9).** Individually selected program of supervised study related to specific social work issues. Prerequisite: Permission of the instructor. (F,S,SS)

**SOW 4932\* Current Topics in Social Work (3).** This course presents an extensive examination of current issues and problems in social work. Interventive technology to address these issues will be presented.

\*Social Work Elective

For additional and updated information about degrees offered, entrance requirements, and services, please visit our website:

[http://rscphsw.fiu.edu/students\\_affairs/index.html](http://rscphsw.fiu.edu/students_affairs/index.html).