

## Course Descriptions

### Definition of Prefixes

DIE - Dietetics; FOS - Food Science; FSS - Food Service Systems; HSA - Health Services Administration; HUN - Human Nutrition; IHS - Interdisciplinary Health Sciences; PAD - Public Administration; PHC - Public Health; SOW - Social Work

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

**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. Prerequisite: HUN 2201. (SS)

**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 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. Prerequisite: FSS 3233C. Corequisite: DIE 3125.

**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. Corequisite: DIE 3244L. Prerequisites: Organic Chemistry (CHM 2200 or equivalent), Physiology (HSC 3549 or equivalent). Pre or Corequisite: HUN 4403. (F)

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

**DIE 3317 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: HUN 2201, DIE 3005. Prerequisite or Corequisite: 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 3317. (F)

**DIE 3434 Nutrition Education (2).** Planning for groups/individual basic nutrition and clinical nutrition education, and working with the instructional media. Prerequisite or Corequisite: FOS 3021. Prerequisite: HUN 4403. Corequisite: Nutrition Education Lab. (SS)

**DIE 3434L Nutrition Education Laboratory (1).** Students plan and practice various forms of nutrition education individual, groups and instructional media. (SS)

**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. Prerequisite: DIE 3244. (S)

**DIE 4246L Clinical Nutrition Laboratory (1).** Application of nutrient requirements for the treatment of complex pathophysiological conditions. Prerequisites: 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, basic competency in management principles. (F)

**DIE 4377 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. 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: DIE 3244, DIE 3434, or DIE 4277. Corequisites: DIE 4246, DIE 4435L.

**DIE 4435L Nutrition Counseling and Communication Skills Lab (1).** Small group video recorded practice in instruction counseling communication skills. Prerequisite: Advanced standing in dietetics. 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. Majors only, senior standing. (F,S)

**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. (F)

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

**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: Organic Chemistry, HUN 3122 or HUN 2201, FOS 3021, or equivalents. Corequisite: FOS 4041L. (S)

**FOS 4041L Food Science Laboratory (1).** Experimental laboratory in the physical and chemical characteristics of food. Corequisite: FOS 4041. (S)

**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.

**HSA 3111 Health and Social Service Delivery Systems (3).** Students examine the history and current functions of health and social services delivery systems in the United States. Focus is on the components, their interaction and internal/external controls. Prerequisites: Completion of at least three of the following CGS 2060, ACG 2021, STA 2023 or ECO 2023 or permission of the instructor.

**HSA 3180 Management for the Health Professions (3).** Fundamental theories, principles, and concepts of management are surveyed to prepare the student for a middle-management position in health care. Case studies are utilized for practical application. Prerequisites: Completion of at least three of the following CGS 2060, ACG 2021, STA 2023 or ECO 2023 or permission of the instructor. Corequisite: HSA 3111.

**HSA 4104 Team Approach to Health Service Delivery (3).** Team formation, structure, composition, maturity, growth, and the process are identified. Team management in health facilities are discussed. Prerequisites: HSA 3111, HSA 3180 or permission of the instructor.

**HSA 4110 Health Care Organizational Behavior (3).** Analysis of organizational behavior and its implications for management in health care systems. Prerequisites: Completion of at least three of the following HSA 3111, HSA 3180, PHC 4510 or PAD 3438. If HSC major, completion of HSA 3111 and HSA 3180.

**HSA 4113 Issues and Trends in Health Care Delivery (3).** Issues and trends in policy questions involving health care organizations, financing, quality controls, and delivery of services are addressed. This is a Capstone course. Prerequisites: Completion of at least three of the following HSA 3111, HSA 3180, PHC 4510 or PAD 3438. If HSC major, completion of HSA 3111 and HSA 3180.

**HSA 4141 Program Planning and Evaluation (3).** Basic concepts of planning and evaluation as the fundamental tools of program design and development are examined. Prerequisites: Completion of at least three of the following HSA 3111, HSA 3180, PHC 4510 or PAD 3438. If HSC major, completion of HSA 3111 and HSA 3180.

**HSA 4150 People, Power and Politics in Health Affairs (3).** Community power structures are analyzed as to their function in politics and decisions governing health care. The health professional's role is studied with respect to the political process in health care. Prerequisites: Completion of at least three of the following HSA 3111, HSA 3180, PHC 4510 or PAD 3438. If HSC major, completion of HSA 3111.

**HSA 4170 Health Care Financial Management (3).** Financial management methods and procedures for health care institutions. Prerequisites: ACG 2021 or ACG 2071 plus completion of 9 hours of foundation coursework: HSA 3111, HSA 3180, PAD 3438; and PHC 4360, PAD 4704 or PHC 4360. If HIM major, completion of HIM 3006 and ACG 2021 or ACG 2071.

**HSA 4183 Applied Management in Health Care Organization (3).** Management theory and principles are examined in their application to the administrative process. Case studies are emphasized to illustrate operational conditions found in health care settings. Strategic Management is emphasized. Prerequisites: HSA 3180, HSA 4110, or permission of the instructor.

**HSA 4184 Human Resources Management and Supervision (3).** The role of health care supervisors is examined with respect to interviewing, performance appraisal, disciplining, counseling, job orientation, in-service education and responsibilities. Prerequisites: Completion of at least three of the following HSA 3111, HSA 3180, PHC 4510 or PAD 3438. If HSC major, completion of HSA 3111 and HSA 3180.

**HSA 4192 Health Management Systems Engineering (3).** Introduction to health systems analysis and application of industrial engineering techniques including work systems, job analysis, space utilization, inventory control, and traffic patterns are studied. Prerequisites: Completion of at least three of the following: HSA 3111, HSA 3180, PAD 3438; and PHC 4360, PAD 4704 or PHC 4360. One of the statistics courses (PHC 4360 or PAD 4704) must be included in the 9 hours. If HIM major, HIM 3626. If HSC major, completion of HSA 3111 and HSA 3180. Computer skills required.

**HSA 4193 Automated Management and Information Systems (3).** The analysis, design, and installation of management information systems in health care organizations is studied. Evaluation of computer systems from several perspectives are examined. Prerequisites: HSA 4192 or permission of the instructor.

**HSA 4421 Legal Aspects and Legislation in Health Care (3).** Corporate structure and legal liabilities of health care institutions and professionals is studied from a local, state, and federal regulatory position. Prerequisites: Completion of at least three of the following: HSA 3111, HSA 3180, PAD 3438; and PHC 4360, PAD 4704 or PHC 4360. If HIM major, completion of HIM 3006.

**HSA 4430 Health Economics (3).** This course is designed as an introduction to health economics. Health economics is concerned with issues related to scarcity of resources in health care markets. Prerequisites: Completion of at least three of the following HSA 3111, HSA 3180, PHC 4510 or PAD 3438. If HSC major, completion of HSA 3111 and HSA 3180.

**HSA 4700 Fundamentals of Health Research Methods (3).** Introduction to health research method's tools including literature research, research report analysis covering research design, and data analysis and reporting writing are examined and practiced. Prerequisites: Completion of at least three of the following HSA 3111, HAS 3180, PAD 3438; and PHC 4360, PAD 4704 or PHC 4360. One of the statistics courses (PHC 4360 or PAD 4704) must be included in the 9 hours. If HIM major, HIM 3626. If HSC major, completion of HSA 3111 and HSA 3180.

**HSA 4850 Administrative Internship (2-6).** The student who has completed all required upper division course work is provided an opportunity to observe and engage in administrative practice in a health care setting. Prerequisite: Completion of all curriculum required course work and have an educational plan approved by the Faculty Preceptor the semester prior to registering.

**HSA 4905 Undergraduate Independent Study (1-3).** Students take part in in-depth research or an action-oriented project under the supervision of their faculty advisor. Preparation and approval of the content must be made one semester in advance. Prerequisite: Permission of faculty advisor.

**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.

**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.

**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. Recommended for non-majors. (F,S,SS)

**HUN 2201L Principles of Nutrition Laboratory (1).** Using the scientific method, study of nutrients/foods required for Recommended Dietary Allowances. Assessment of personal nutrition indicators using anthropometric, and other indices. Corequisite: HUN 2201.

**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. (F,S,SS)

**HUN 3191 World Nutrition (3).** Exploration of food production, distribution, and consumption patterns of selected nations. Analysis of variables affecting nutritional intake and change, and hunger. (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: Organic Chemistry concurrent or prerequisite and Junior standing. (F,SS)

**HUN 4241 Advanced Nutrition (3).** Roles of nutrients in metabolic processes. Effects of excesses and deficiencies. Prerequisites: Organic Chemistry, Physiology, Biochemistry, and HUN 2201 or equivalent. (F)

**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: DIE 3244, DIE 3244L.

**IHS 4111 Values, Ethics, and Conflict Resolution in Health and Urban Affairs (3).** Explores individual and organizational values, related values, related theories, ethical systems and their influence on behavior of individuals in government agencies, law enforcement and health care professions.

**PAD 3438 Communication Skills for Policy and Management (3).** Designed to enable students to develop oral and written skills required to communicate effectively in organizational and public policy settings.

**PAD 4723 Applied Research Methods for Policy and Management (3).** Research design, sampling, critical evaluation, basic research ethics, experiments and quasi experiments, reliability and validity surveys, design-implementation, qualitative and quantitative methods, secondary analysis evaluation and presentation.

**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 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 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 4360 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.

**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 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: SOW 3113 or equivalent, and one college-level course in biology (including coverage of human biology).

**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: College level Biology (including coverage of Human Biology).

**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. Pre/Corequisites: American Government and Economics.

**SOW 3233 Social Welfare Policy and Services II (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: SOW 3232 and SOW 3203 or equivalent.

**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: SOW 3203, SOW 3113. Prerequisite or 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. Prerequisite or Corequisite: SOW 3313.

**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: STA 1013 or equivalent.

**SOW 3620 Social Work and Human Diversity (3).** Prepares students for generalist social work practice with diverse populations focusing on knowledge, attitude, and skills. Prerequisite: 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: SOW 3313, 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: 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: SOW 3113, SOW 3100, SOW 3232, SOW 3233, SOW 3203, SOW 3403, SOW 3313, SOW 3350, and SOW 3620. 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: SOW 4511L, SOW 4322, 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: SOW 3122, SOW 3233, SOW 3313, SOW 3620, SOW 3350, and SOW 3403. Corequisites: SOW 4511L and SOW 4322.

**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: SOW 4511L, SOW 4322, SOW 4522. Corequisites: SOW 4512L, SOW 4332.

**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. Prerequisite: SOW 3113.

**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. Prerequisites: Students in the Certificate in Child Welfare Practice or permission of the 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 SSPH requirements, programs, and services, please visit our website [www.cphsw.fiu.edu](http://www.cphsw.fiu.edu).