NURS 4250 Community Nursing 4 (3)
Consideration of health promotion activities for groups within the community with emphasis on community assessment, screening, and health teaching/counseling. Practice activities are related to health promotion in population groups and nursing care of homebound clients. Laboratory settings include homes, schools, industries, public health department, and other community agencies. Preq: Admission to RN/BS program. Coreq: NURS 3070 and NURS 4251.

NURS 4251 Community Nursing Laboratory 0 (2)
Non-credit laboratory to accompany NURS 4250. Coreq: NURS 4250.

NURS 4280 Senior Honors II 2 (2) Students implement a proposal for a major directed study project or research thesis under the guidance of a faculty preceptor. Preq: NURS 4200.

NURS 4980 Creative Inquiry—Nursing 1-4 (1-4)
In consultation with and under the direction of a faculty member, students pursue scholarly activities individually or in teams. These creative inquiry projects may be interdisciplinary. Arrangements with mentors must be established prior to registration. May be repeated for a maximum of eight credits. Preq: Consent of faculty member/mentor.

NURS 4990 Independent Study 1-4 (1-4)
In-depth study in an area of special interest in Nursing. Students develop specific objectives with a faculty member with expertise in the area of interest. May be repeated for a maximum of six credits. Preq: Consent of instructor.

NUTRITION
See also courses listed under Animal and Veterinary Sciences, Biochemistry, and Food Science.

Professors: A.B. Bodine II, K.L. Cason, T.C. Jenkins, D.V. Maurice; Associate Professors: M.D. Condralsky, A.M. Fraser, V.J. Haley-Zitlin; Assistant Professor: E.D. Jesch; Senior Lecturer: R.M. Haliensia; Adjunct Assistant Professor: S.S. Baker, M.A. Parisi

NUTR 2030 Introduction to Principles of Human Nutrition 3 (3)
Study of nutrient functions and requirements, food choices, dietary adequacy, and role of nutrition in physical fitness. Deals with social and scientific issues; evaluation and interpretation of nutrition sources from government, private, academic, and the health care sectors.

NUTR 2040 Nutrition Across the Life Cycle 3 (3)
Using current evidence, course examines nutrition issues and requirements across the life cycle, including preconception, pregnancy, lactation, infancy, childhood, adolescence, adulthood, and aging. Methods of nutritional assessment for each stage of life are explored. Preq: NUTR 2030.

NUTR 2050 Nutrition for Nursing Professionals 3 (3)
Investigation of targeted general and clinical nutrition topics, including principles of nutrition, life-cycle nutrition, relationship of diet to health and disease, and the role of nursing professionals and nutrition. Preq: Nursing major. Preq or concurrent enrollment: BIOL 2220.

NUTR 2100 Nutrition and Physical Activity 3 (3)
Topics include role of carbohydrates, fats, and proteins on energy utilization during exercise; altering body composition and improving fitness with diet and physical activity; importance of fluid intake on performance; effectiveness of dietary supplements and ergogenic aids; and choosing a diet appropriate for individual physical activity levels. Preq: BIOL 1200; and one of BIOL 1210 or BIOL 1220 or BIOL 1230 or BIOL 1240.

NUTR 2160 Evidence-Based Nutrition 1 (1)
Introduction to research methods, ethics in research, and evidence-based nutrition guidelines within the profession of nutrition and dietetics. Preq: Food Science major.

NUTR 4010* Fundamentals of Nutrition 3 (3)
Biochemical and physiological fundamentals of nutrition applicable to man and domestic animals. Considers digestive processes and absorption and metabolism of carbohydrates, lipids, proteins, water, minerals, and vitamins. Discusses energy metabolism and comparative anatomy and physiology of digestive systems. Offered fall semester only. Includes Honors sections. Preq: BBCM 3050 or CH 2230.

NUTR 4180 Professional Development in Dietetics 1 (1)
Provides the steps for dietetic internship application process; career development in the dietetics field; and concepts of professional standards. Preq: Food Science major and Junior standing.

NUTR 4190 Professional Development in Nutrition 1 (1)
Career development strategies to assist students pursuing professional or graduate degrees. The focus is on standards used for application, preparation, and what to do when admitted. Preq: Food Science major and Junior standing.

NUTR 4200 Selected Topics in Nutrition 1-3 (1-3)
Comprehensive study of special topics in nutrition not covered in detail or contained in other courses. Current developments in each area are stressed. May be repeated for a maximum of three credits, but only if different topics are covered. Preq: Food Science major and Senior standing.

NUTR 4210 Special Problems in Nutrition 1-4 (1-4)
Independent research investigation in nutrition. Special emphasis is on developing a research proposal, conducting the research, and reporting the findings. May be repeated for a maximum of six credits, but only if different topics are covered. Preq: Food Science major and Senior standing.

NUTR 4240 Medical Nutrition Therapy I 4 (4)
Principles of nutritional assessment, education, and counseling skills; development of medical nutrition therapy for individuals with obesity and eating disorders, gastrointestinal disorders, metabolic and renal disorders. Preq: Food Science major or minor; and BIOL 2220 and BIOL 2230 and NUTR 4510. Coreq: NUTR 4241.

NUTR 4241 Medical Nutrition Therapy I Laboratory 0 (3) Non-credit laboratory to accompany NUTR 4240. Coreq: NUTR 4240.

NUTR 4250* Medical Nutrition Therapy II 4 (3)
Development of medical nutrition therapy for individuals with various disease states, including cardiovascular, hepatic, musculoskeletal, and neoplastic disorders. Also considers sociocultural and ethnic aspects of food consumption and alternative nutrition therapies. Includes Honors sections. Preq: Food Science major or minor; and BIOL 2220 and BIOL 2230 and NUTR 4240. Coreq: NUTR 4251.

NUTR 4251* Medical Nutrition Therapy II Laboratory 0 (3) Non-credit laboratory to accompany NUTR 4250. Coreq: NUTR 4250.

NUTR 4260* Community Nutrition 3 (3)
Study of fundamentals of nutrition care delivery in community programs beginning with assessment and problem identification and continuing through the development, implementation, and evaluation of nutrition intervention programs. Preq: Food Science major or minor and NUTR 4510.

NUTR 4270 Nutrition Counseling 1 (1)
Examination and application of nutrition counseling methods, theories and strategies needed to promote nutrition behavior change. Assessment and interpretation of client information, development of client goals, and evaluation of interventions are discussed. Preq: NUTR 4240.

NUTR 4510* Human Nutrition 3 (3)
Advanced concepts of nutrition, including physiological handling of nutrients, nutrient-nutrient interactions, and principles of nutritional deficiency and over-nutrition. Factors affecting methods of determining nutritional status, development of nutrition standards, and recent advances in human nutrition. Preq: Food Science major or minor. Preq or concurrent enrollment: BCHM 3050.

NUTR 4550* Nutrition and Metabolism 3 (3)
Concepts of metabolism fundamental to understanding normal and therapeutic nutrition are examined. Bioenergetics as well as metabolism of carbohydrates, lipids, amino acids, vitamins, and minerals as they relate to nutrition are discussed. Preq: Food Science major or minor; and BCHM 3050 and BIOL 2220. Preq or concurrent enrollment: BIOL 2230.

PERFORMING ARTS

Professors: P.L. Buyer, L. Dzuris, L.U. Harder, D.J. Hartmann, Chair; Associate Professors: N.M. Hosler, A.M. Penna, S. Robert, B.A. Whisler; Senior Lecturer: K.W. Moore

PA 1010 Introduction to Performing Arts 3 (3)
Overview of performing arts, including performance, careers, technology, production, management, community outreach, safety, sales, and marketing. Preq: Production Studies in Performing Arts major. Coreq: PA 1030.

PA 1030 Portfolio 1 1 (3) Students develop discipline-specific portfolios that display creative design and contain samples of work that demonstrate integrated learning. Coreq: PA 1010.
PA 1950 Creative Inquiry—Performing Arts I-4 (1-4) In consultation with and under the direction of a faculty member, students pursue scholarly activities individually or in teams. These creative inquiry projects may be interdisciplinary. Arrangements with mentors must be established prior to registration. May be repeated for a maximum of eight credits. Preq: Consent of instructor.

PA 2010 Career Planning and Professional Development 3 (2) Study of selected performing arts topics. Includes seminars and masterclasses with faculty and visiting artists and concert and theatre attendance and evaluation. Emphasis is placed on written communication skills. Preq: PA 1010 and Sophomore standing. Cons: PA 2011.

PA 2011 Career Planning and Professional Development Laboratory 0 (3) Non-credit laboratory to accompany PA 2010. Cons: PA 2010.

PA 2790 Performing Arts Practicum I 1 (3) Practical work on performing arts presentations including backstage technical work, multimedia support, and arts management.

PA 2800 Performing Arts Practicum II 1 (3) Continuation of practical work on performing arts presentations, with more specialized opportunities for backstage technical work, multimedia support, and arts management training. Preq: PA 2790.

PA 2950 Creative Inquiry—Performing Arts I-4 (1-4) In consultation with and under the direction of a faculty member, students pursue scholarly activities individually or in teams. These creative inquiry projects may be interdisciplinary. Arrangements with mentors must be established prior to registration. May be repeated for a maximum of eight credits. Preq: Consent of instructor.

PA 3010 Principles of Arts Administration 3 (2) Continuation of PA 2010 with added focus on critical and ethical analysis of performing arts. Emphasis is placed on oral communication skills. Preq: PA 2010 and Junior standing. Cons: PA 3011.

PA 3011 Principles of Arts Administration Laboratory 0 (3) Non-credit laboratory to accompany PA 3010. Cons: PA 3010.

PA 3950 Creative Inquiry—Performing Arts I-4 (1-4) In consultation with and under the direction of a faculty member, students pursue scholarly activities individually or in teams. These creative inquiry projects may be interdisciplinary. Arrangements with mentors must be established prior to registration. May be repeated for a maximum of six credits. Preq: Consent of instructor.

PA 3980 Special Topics in Performing Arts 1-3 (1-3) Select areas of study in performing arts not addressed by other performing arts course offerings. May be repeated for a maximum of six credits, but only if different topics are covered. Preq: PA 1010 and consent of instructor.

PA 3990 Internship I-3 (1-3) Provides performing Arts majors an opportunity to apply technical, managerial, and artistic concepts in a performing arts environment through preplanned, preapproved, faculty-supervised internships. Minimum of 45 hours of work per credit hour. May be repeated for a maximum of six credits. To be taken Pass/No Pass only. Preq: PA 2790 and consent of instructor.

PA 4010 Capstone Project 4 (3) Capstone course for Performing Arts majors. Students research, prepare, execute and assess a substantial project for the community as approved by a faculty committee. Students, with faculty guidance, manage all aspects of the project. Preq: PA 3010. Cons: PA 4011 and PA 4030.

PA 4011 Capstone Project Laboratory 0 (3) Non-credit laboratory to accompany PA 4010. Cons: PA 4010.

PA 4030 Portfolio II 1 (3) Students revise discipline-specific portfolios through use of current technologies. Further demonstration of integrated learning is provided with the incorporation of capstone project research content from PA 4010. Cons: PA 4010.

PA 4910 Performing Arts Honors Research 3 (3) Research for the preparation of an honors project. Preq: PA 3010 and consent of department chair.

PA 4920 Performing Arts Honors Project 3 (3) Preparation and presentation of an honors project. Preq: PA 4910 and consent of department chair.

PA 4950 Creative Inquiry—Performing Arts I-4 (1-4) In consultation with and under the direction of a faculty member, students pursue scholarly activities individually or in teams. These creative inquiry projects may be interdisciplinary. Arrangements with mentors must be established prior to registration. May be repeated for a maximum of eight credits. Preq: Consent of instructor.

PA 4990 Independent Studies I-3 (1-3) Supervised study for students with special interests in performing arts outside the scope of existing courses. May be repeated for a maximum of six credits. Preq: Consent of department chair.

PAN AFRICAN STUDIES

Associate Professor: A. A. Bartley

PAS 3010 Africa and the Atlantic World 3 (3) Study of Africa and its impact on the culture and life of peoples in the New World. Traces the impact Africans have had on shaping the music, language, dress, art, religion, and culture of the Western world.

PAS 3010 Introduction to Pan African Studies 3 (3) Study of African American experience from an Afrocentric perspective from colonial America to the present.

PAS 4000 Studies in Pan African Studies 3 (3) Study of selected topics or themes in Pan African Studies. Allows for individualized study of specific topics related to Pan African Studies such as music, dance, religion, colonization, slavery, or economic development. May be repeated for a maximum of six credits, but only if different topics are covered.

PAS 4100 Studies in Africana Experience 3 (3) Looks at the impact of Africans or African Americans on U.S. society. Interdisciplinary course that allows for the study of Africans and their descendants from a variety of perspectives. Focuses primarily on the United States. May be repeated for a maximum of six credits, but only if different topics are covered.

PAS 4300 Hip-Hop and African American Contemporary Culture 3 (3) Examines the controversial history and legacy of Hip-Hop culture, and explores how the artistic expression of the American underclass has evolved into worldwide cultural expression. Combines scholarship and theory with considerable audio and video exposure to various Hip-Hop songs and artists. Preq: Sophomore standing.

PAS 4680 Comparative Racism and Discrimination in the Atlantic World 3 (3) Seminar in the comparative history of racism and segregation in South Africa and the Americas. Preq: Sophomore standing.

PAS 4710 Directed Studies on the Black Experience in Education 1-3 (1-3) Students conduct research and produce scholarship on academic, social, and historical issues that impact the Black experience in educational settings. Students may also participate in service learning activities to broaden their understanding and apply their knowledge in the community. May be repeated for a maximum of nine credits.

PAS 4980 Seminar on Pan African Studies 3 (3) Research/writing seminar on the African American experience. Selected topics and themes from 1900 to present. Preq: PA 3010; and one of HIST 3110 or HIST 3120 or HIST 3390.

PEARCE CENTER FOR PROFESSIONAL COMMUNICATION

PCPC 4990 Pearce Center Internship 1-3 (1-3) Students work in the Class of 1941 Studio for Student Communication on projects involving multimodal communications, public relations, graphic design, and publishing. Students edit copy, pitch stories, research and write articles for print, web, and/or video publication, create eLabs, develop and execute social media strategies, design marketing material, develop public relations strategies, design websites, and other related tasks. Preq: Consent of instructor.

PLANT AND ENVIRONMENTAL SCIENCES


PES 1040 Introduction to Plant Sciences 3 (3) Fundamental course in plant sciences, including agronomic and horticultural crops of the major agricultural areas of the world and emphasizing the crops of South Carolina. Includes Honors sections.

PES 2020 Soils 4 (3) Introduces world land resources, soil formation, classification, and mineralogy. Emphasizes basic chemical and physical properties of soil. Also discusses soil microorganisms, plant nutrients, and fertilization. Soil properties are related to growth. Preq: CH 1010 or CH 1020 or GEOL 1010. Cons: PES 2021.