MUSC 4540 Applied Music for Majors 1(1)
Continuation of MUSC 4530. May be repeated on
other performance media with departmental
approval. Juried full recital performance is required.
Applied music fee is assessed. Preq: MUSC 4530
and consent of instructor.

MUSC 4950 Creative Inquiry-Music 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 regis-
tration. May be repeated for a maximum of eight
credits. Preq: Consent of instructor.

MUSC 4990* Independent Studies 1-3(1-3)
Tutorial work for students with special interests in
music study outside the scope of existing courses. May
be repeated for a maximum of six credits. Preq:
Consent of department chair.

NONPROFIT LEADERSHIP

NPL 3000 Foundations in Nonprofit Leadership
3(3) Course provides foundational knowledge and
understanding of non-profit organizations, their
development, governance, maintenance and opera-
tions within modern society. NPL courses may not
substitute for courses in Accounting, Economics,
Executive Leadership & Entrepreneurship,
Finance, Management, or Marketing curricula.

NPL 3010 Understanding Stakeholders for Non-
Profit Organizations 3(3) Comprehensive review of
identifying and reaching stakeholders in non-profit
organizations. Material covers basic promotion of
non-profit services, including use of media through
advertising, public service announcements, events
and partnerships, as well as approaches to copy
writing, public speaking and working with local
and regional governments. NPL courses may not
substitute for courses in Accounting, Economics,
Executive Leadership & Entrepreneurship,
Finance, Management, or Marketing curricula.
Preq: NPL 3000.

NPL 3020 Funding and Accountability in Non-
Profit Organizations 3(3) This course prepares
students to understand and participate in the fiscal
management of non-profit organizations. Course
focuses on understanding, producing, interpreting,
and communicating financial information to staff,
board members, volunteers and other stakehold-
ers. NPL courses may not substitute for courses in
Accounting, Economics, Executive Leadership &
Entrepreneurship, Finance, Management, or
Marketing curricula. Preq: NPL 3000.

NPL 3030 Personal Leadership in Non-Profit
Organizations 3(3) Introduces students to the
principles of personal leadership as related to
paid, un-paid and seasonal employees of non-
profit organizations. Recruitment, selection/hir-
ing, retention and motivation, and evaluation as
it pertains to the non-profit sector and its unique
blend of paid and un-paid workers is discussed.
NPL courses may not substitute for courses in
Accounting, Economics, Executive Leadership &
Entrepreneurship, Finance, Management, or
Marketing curricula. Preq: NPL 3000.

NPL 3040 Risk Management of Non-Profit
Organizations 3(3) Conceptual and practical
aspects of risk management and legal issues asso-
ciated with non-profit organizations are covered.
Foundational knowledge of the non-profit organiza-
tion as a legal entity, including risk identification,
management, transfer and financing, liability, and
ethics. NPL courses may not substitute for courses
in Accounting, Economics, Executive Leadership &
Entrepreneurship, Finance, Management, or
Marketing curricula. Preq: NPL 3000.

NPL 3900 Practicum I 3(3) Under agency super-
vision, students spend 60 hours observing and
implementing activities, events, and programs in a
nonprofit, faith-based, grassroots, or organization
approved by instructor. To be taken Pass/No Pass
only. Preq: NPL 3000.

NPL 4900 Non-Profit Leadership Preceptorship
3 (9) Provides students with the opportunity to
gain practical experience in an environment where
learning about non-profit operations and manage-
ment is the chief objective. Under the guidance of
a qualified professional supervisor, students apply
theories, concepts, philosophies and techniques
acquired in the classroom. To maximize the stu-
dent's professional development, the practicum is
to encompass as many operation and management
aspects of the cooperating agency as possible. To
be taken Pass/No Pass only. NPL courses may not
substitute for courses in Accounting, Economics,
Executive Leadership & Entrepreneurship,
Finance, Management, or Marketing curricula.
Preq: NPL 3000.

NURSING

Professors J.N. Eggert, B.J. Holaday, V.G. Parker,
R.H. Pruitt, Director; D.F. Willoughby; Associate
Professors: R. Amerson, S.C. Davis, A.E. Johnson,
N.K. Meahan, S.M. Timmons, M.A. Wetsel, J.J.
Whitcomb; Assistant Professors: J.M. DeLuca, T.K.
Faszolino, L.M. Miller, H.S. Temples, S.S. Webster;
Lecturers: P.A. Botchway, T. Busby, N.R. Ewing, J.S.
Gillespie, J.G. Lahnam, K.L. Massa, C.S. Muron,
A.K. Pye, K.J. Smith, J. Vess, L. Wagner

NURS 1020 Nursing Success Skills 2(2)
Introduction to a variety of topics critical to a student's
success as a Nursing major and future professional.
Topics include time management, goal setting, test taking,
campus and nursing department resources and
policies, critical thinking, and diversity. Students
have the opportunity to discover and practice many
procedures, techniques, and tips, as well as apply
principles learned to their future career in nursing.
Preq: Nursing major.

NURS 1980 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 regis-
tration. May be repeated for a maximum of eight
credits. Preq: Consent of faculty member/mentor.

NURS 3000 Seminar in Health Care Topics 1-4(1-4)
Individualized in-depth study in a selected health care
area; may have a clinical component and/or
special projects. Open to non-Nursing majors. May
be repeated for a maximum of six credits. Preq:
Consent of instructor.

NURS 3030 Medical-Surgical II: Nursing of Adults
7(3) Incorporates theoretical and empirical knowl-
dge from physical and social sciences. Uses critical
thinking to provide holistic, safe, individualized
nursing care to adults, including health promotion,
maintenance, restoration, and health teaching.
Preq: NURS 3040 and NURS 3100 and NURS
3120 and NURS 3400, each with a C or better.
Coreq: NURS 3031 and NURS 3050.

NURS 3031 Medical-Surgical II: Nursing of Adults
Laboratory 0(12) Non-credit laboratory to accom-
pany NURS 3030. Coreq: NURS 3030.

NURS 3040 Pathophysiology for Health Care
Professionals 3(3) Focuses on disease mechanisms
and recognition of the manifestations of these
mechanisms in body systems. Discussion also
includes pharmacologic and mechanical interven-
tions commonly associated with specific disease
processes and application to patient-care situations.
Preq: BIOL 2230 with a C or better and junior
standing in Nursing. Coreq: NURS 3120 and
NURS 3400.

NURS 3050 Psychosocial Nursing 3(3) Lifespan
approach to examine psychosocial, developmental,
family, and cultural factors that influence individu-
als from diverse populations and their families in
the promotion, maintenance, and restoration of
health. The use of the nursing process, critical
thinking, therapeutic communication, and psy-
chosocial nursing interventions is explored. Coreq:
NURS 3030.

NURS 3070 Family Nursing in the Community
4(3) Bridge course for registered nurse students
that focuses on nursing care of families across the
lifespan in the context of the community. Major
emphasis is on practice activities to assist individu-
als in achieving or maintaining wellness in the
family, home, and community environments. Coreq:
NURS 3071 and NURS 4250.

NURS 3071 Family Nursing in the Community
Laboratory 0(2) Non-credit laboratory to accom-
pany NURS 3070. Coreq: NURS 3070.
NURS 3100 Health Assessment 3(2) Introduces concepts of health, wellness, and illness. Focuses on physical, psychosocial, and cultural assessment for the well adult client with variations across the lifespan. Includes interviewing techniques. Preq: BIOL 2220 with a C or better. Coreq: NURS 3101 and NURS 3110 and NURS 3200.

NURS 3101 Health Assessment Laboratory 0(3) Non-credit laboratory to accompany NURS 3100. Coreq: NURS 3100.

NURS 3110 Health Promotion Across the Lifespan 2(2) Focuses on health promotion and illness prevention activities across the lifespan for individuals and families in the community. Major emphasis is on nursing role in the acquisition and maintenance of health as well as the identification and modification of health risk factors. Coreq: NURS 3100 and NURS 3200.

NURS 3120 Medical-Surgical I: Foundations of Nursing 4(2) Focuses on therapeutic nursing interventions, including selected psychomotor skills, communication skills, and teaching/learning. Preq: NURS 3100 with a C or better. Coreq: NURS 3040 and NURS 3121 and NURS 3230 and NURS 3400.

NURS 3121 Medical-Surgical I: Foundations of Nursing Laboratory 0(6) Non-credit laboratory to accompany NURS 3120. Coreq: NURS 3120.

NURS 3180 Multidisciplinary Approach to End-of-Life Care 3(3) Integrates principles of care to increase comfort at the end of life, presented within a framework that encompasses the physical, psychosocial, and spiritual dimensions of individuals. Coursework also includes ethical and legal issues related to advance directives, reimbursement, and regulatory topics. Preq: PSYC 2010 or SOC 2100.

NURS 3190 Health Assessment for RNs 3(3) Expands knowledge of health assessment techniques utilized with well or ill adult clients. Emphasizes data collection as a basis for critical thinking in professional nursing practice. Preq: Admission to RN/BS program.

NURS 3200 Professionalism in Nursing 3(3) Application of critical thinking skills is the core of professional nursing roles in multidisciplinary approaches to health care. A study of the historical development of modern nursing. Examination of issues of providing nursing care to diverse populations within the context of professional standards. Includes medical nomenclature. Preq: BIOL 2220 with a C or better. Coreq: NURS 3100 and NURS 3110.

NURS 3230 Gerontology Nursing 2(2) Introduction of theories of aging. Focuses on complex health care issues of aging and chronic care, including promotion, maintenance, and restoration of health of the elderly. Scientific concepts address physiological, psychological, and sociological issues of aging and chronic illness. Preq: NURS 3100 with a C or better. Coreq: NURS 3120.

NURS 3280 Honors Seminar I 2(2) Serves as the foundation for senior honors projects. Students identify a topic of interest, a faculty mentor, and team members for their honors project and begin to review the literature in their areas of interest. Preq: Admission to Nursing Department Honors program.

NURS 3300 Research in Nursing 3(3) Introduction to conceptual frameworks, models, and theories related to nursing. Analysis of reported research in nursing and related disciplines. Ethical, moral, and legal issues are discussed in relation to nursing research. Includes Honors sections. Preq: NURS 3100 and NURS 3120 and NURS 3200, each with a C or better, or admission to the RN/BS or accelerated Nursing program. Coreq: NURS 3330.

NURS (HCG) 3330 Health Care Genetics 3(3) Focuses on the new genetics and the implications for health care professionals. Discussion includes applications of the evolving genetics technology and services to changing life stages. Issues of ethical relevance to various genetic disorders is also addressed. May also be offered as HCG 3330. Preq: BIOL 2220 with a C or better. Coreq: NURS 3300.

NURS 3340 Integrative Healthcare: Complementary/Alternative Healthcare 3(3) Introduction to healing practices that are complementary with and/or alternative to/for conventional Western medicine. Includes exploration of research, principles, techniques, and methods of C/A used in health and healing.

NURS 3400 Pharmacotherapeutic Nursing Interventions 3(3) Focuses on the integration of nursing process with pharmacotherapeutics, administration, monitoring, and related client education. Includes major drug classifications, indications for use, side effects, interactions, routes of administration, usual dosages and contraindications. Preq: Junior standing in Nursing. Coreq: NURS 3040 and NURS 3120.

NURS 3510 Contemporary Health Care Ethics 3(3) Students from diverse disciplines use knowledge of ethical theories/principles to critically reflect on current health care issues and policies. Students also examine methods of ethical decision making to conduct policy analysis. Current trends in the political, ethical, economic and legal arenas of health care are examined using the Socratic Method. Nursing majors are given registration priority.

NURS 3600 Social Determinants of Health in Low Resource Countries 3(3) Examines the historical roots of global health and the impact of social determinants of health with specific focus on low resource countries. Topics include diseases common to impoverished populations, childhood and maternal morbidity, violence, occupational injuries, and malnutrition. Preq: Nursing, Public Health Sciences, Nutrition, Preprofessional Health Studies, Preoccupational Therapy, Prepharmacy, or Prephysician Assistant major.

NURS 3610 Leadership and Collaboration in Global Health 3(3) Provides the foundation for leadership skills and collaboration for the delivery of global health care in low resource countries. Development of communication skills needed to work in collective, partnership-based agencies and communities as part of an inter-professional team is emphasized. Preq: NURS 3600 with a C or better; and Nursing, Public Health Sciences, Nutrition, Preprofessional Health Studies, Preoccupational Therapy, Prepharmacy, Prephysical Therapy, or Prephysician Assistant major.

NURS 3620 Low Resource Country Field Experience 3 (9) In this study abroad course, students focus on language acquisition while working and living in a low resource country. Students participate in service/learning projects with community partnerships. Emphasis is placed on recognition of the social, economic and cultural contexts of the host country. Preq: NURS 3600 and NURS 3610, each with a C or better; and Nursing, Public Health Sciences, Nutrition, Preprofessional Health Studies, Preoccupational Therapy, Prepharmacy, Prephysical Therapy, or Prephysician Assistant major.

NURS 3980 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 4010 Mental Health Nursing 3(3) Application of theories and the nursing process to identify, implement, and evaluate nursing interventions for the care of clients with psychiatric disorders. Preq: NURS 3030 and NURS 3050 and NURS 3110 and NURS 3230 and NURS 3300, each with a C or better. Coreq: NURS 4011 and NURS 4110 and NURS 4120.

NURS 4011 Mental Health Nursing Laboratory 0(6) Non-credit laboratory to accompany NURS 4010. Coreq: NURS 4010.

NURS 4030 Medical-Surgical III: Complex Nursing of Adults 5(3) Focuses on the biological, psychological, philosophical, and sociocultural influences on complex health problems related to acute and traumatic conditions. Emphasizes the concepts of circulation, oxygenation, homeostasis, and compensation in acutely ill adults. Preq: NURS 4010 and NURS 4110 and NURS 4120, each with a C or better. Coreq: NURS 4031 and NURS 4100 and NURS 4150.

NURS 4031 Medical-Surgical III: Complex Nursing of Adults Laboratory 0(6) Non-credit laboratory to accompany NURS 4030. Coreq: NURS 4030.

NURS 4050 Leadership and Management in Nursing 3(3) Focuses on the role of the professional nurse in managing nursing care. Theories and research related to leadership, power, management, organizations, regulation, and ethics are discussed. Directed laboratory experiences are provided. Preq: Admission to RN/BS program. Coreq: NURS 4051.

NURS 4051 Leadership and Management in Nursing Laboratory 0(2) Non-credit laboratory to accompany NURS 4050. Coreq: NURS 4050.

NURS 4060 Issues in Professionalism 3(3) Analysis of the development of professional nursing. Consideration of educational issues, legal and economic issues, health policy, leadership, cultural variations, and the influence of values in ethical decisions and nursing practice. Preq: Admission to RN/BS program.
NURS 4100 Leadership Management and Nursing Care Practicum 6(3) Focuses on the role of the professional nurse in practicing and managing nursing care. Theories and research related to clinical practice, leadership, power, management, organizations, regulation, ethics, and licensure preparation are discussed. Directed lab experiences are provided under preceptor supervision. Coreq: NURS 4030 and NURS 4101 and NURS 4150.

NURS 4101 Leadership Management and Nursing Care Practicum Laboratory 0(9) Non-credit laboratory to accompany NURS 4100. Coreq: NURS 4100.

NURS 4110 Nursing Care of Children 5(3) Focuses on child health problems and health maintenance. Emphasizes biological, pathophysiological, psychological, and sociocultural concepts related to nursing care of children with acute, critical, and chronic illnesses. Includes strategies for alleviation of illnesses, restoration of wellness, promotion and maintenance of health, growth, and development. Preq: NURS 3030 and NURS 3050 and NURS 3110 and NURS 3230 and NURS 3300, each with a C or better. Coreq: NURS 4100 and NURS 4111 and NURS 4120.

NURS 4111 Nursing Care of Children Laboratory 0(6) Non-credit laboratory to accompany NURS 4110. Coreq: NURS 4110.

NURS 4120 Nursing Care of Women and Their Families 5(3) Emphasizes biological, psychological, and sociocultural concepts; identification of appropriate nursing strategies to enhance individual capacity to achieve or maintain wellness in the family, home, community, and hospital environment. Preq: NURS 3300 and NURS 3305 and NURS 3310 and NURS 3320 and NURS 3330, each with a C or better. Coreq: NURS 4100 and NURS 4110 and NURS 4120.

NURS 4121 Nursing Care of Women and Their Families Laboratory 0(6) Non-credit laboratory to accompany NURS 4120. Coreq: NURS 4120.

NURS 4140 Community Health Nursing and Health Promotion 5(3) Focuses on community health nursing of families and community groups, including community assessment, screening, health promotion and health education, with emphasis on the health of clients and population groups in homes, schools, industries and other community agencies and organizations. Preq: NURS 4010 and NURS 4110 and NURS 4120, each with a C or better; and admission to the accelerated Nursing program. Coreq: NURS 4141.

NURS 4141 Community Health Nursing and Health Promotion Laboratory 0(6) Non-credit laboratory to accompany NURS 4140. Coreq: NURS 4140.

NURS 4150 Community Health Nursing 4(2) Consideration of health promotion activities for family and community groups 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, and other community organizations. Preq: NURS 4010 and NURS 4110 and NURS 4120, each with a C or better. Coreq: NURS 4030 and NURS 4100 and NURS 4151.

NURS 4151 Community Health Nursing Laboratory 0(6) Non-credit laboratory to accompany NURS 4150. Coreq: NURS 4150.

NURS 4160 Concepts in Transcultural Nursing 3(3) Focuses on transcultural nursing concepts, theory and practices in order to provide culturally congruent nursing care. Culture care beliefs, values and practices of specific cultures are analyzed based on Leininger's Culture Care Theory, using the ethnic nursing method and research findings. NURS 4200 Senior Honors 2(2) Students develop a proposal for a major thesis, directed study project, or research project under the guidance of a faculty preceptor. Preq: Honors section of NURS 3300 with a C or better.

NURS 4225 Community Nursing 4(3) Focuses on 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 with a C or better.

NURS 4500 Adult Critical Care 3(3) Focuses on the psychological, philosophical, and sociocultural influences on complex health problems related to acute, critical and traumatic health conditions. Applications of the concepts in ventilator management, hemodynamic monitoring and implementation of practice alerts in the critical care population in an acute and critical care setting. Preq: Admission to RN / BS program.

NURS 4900 Critical Inquiry-Nursing 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) 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

Professor: K.L. Cason, E.J. Rhodehamel, Chair; Associate Professors: M.D. Condrasky, A.M. Fraser, V.J. Haley-Ziltin; Assistant Professor: E.J. Jesh; Lecturer: D.A. Hutcheon; Adjunct Professor: R.G. Lefavi; Adjunct Associate Professor: A.R. Powers; Adjunct Assistant Professors: S.S. Baker, Y.M. Hernandez-Garbanzo, M.A. Parisi; Adjunct Instructor: K.G. Schwartz

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, lifecycle 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 and Human Nutrition 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: BCHM 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 and Human Nutrition 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 admission, application preparation, and what to do when admitted. Preq: Food Science and Human Nutrition major and Junior standing.