

budgeting, and historical development of the modern concert wind ensemble; the development of a functional philosophy of music. Prerequisites: Two semesters MUSC 100 or approval of department head.

- 444-2 Pedagogy in Applied Music. (2-0)** Techniques of instruction in student's major instrument or voice.
- 448-2 Scoring and Arranging for Ensembles. (2-0)** A practical study of the skill of scoring music for various instrumental and choral groups. Projects in adapting music from a variety of sources. Emphasis is placed on transcribing and arranging for elementary, junior, and senior high ensembles. Prerequisite: MUSC 248 or approval of department head.
- 451-2 Piano Pedagogy. (2-0)** This course will encompass the study of piano pedagogy from beginner level through intermediate and advanced level piano study, including present and past techniques of piano instruction. Prerequisites: Must be at the junior level of applied piano lessons or have consent of the instructor.
- 453-2 Instrumental Pedagogy (2-1)** This course will focus on the study of instrumental pedagogy, from beginner level through advanced study, used primarily in one-on-one instruction in the studio. Lab fee \$10.
- 486-v Music Problems. (Credit variable)** A directed study of selected problems in music.
- 540-3 Foundations of Music Education. (3-0)** An investigation of historical and philosophical principles that provide the context for contemporary music education. The course focuses on developing a vision of music education for the future. Topics include philosophical principles of music education, psychological theories relevant to music teaching, and practical application of these principles through the National Standards for Music. Prerequisites: Admission to the graduate program.

NURSING (NUR)

- 120-4 Survey of Nursing Science (3-3)** Provides an introduction to nursing as a scientific discipline with its own unique body of knowledge. Contemporary health care and professional nursing practice are examined from historical, legal, and ethical perspectives. Gives pre-nursing students an introduction to program concepts, the professional role, and an opportunity for client interaction. Prerequisites: BIOL 219, CHEM 103 or 105, ENGL 111, MATH 107, and PSY 101. Lab fee \$10.
- 201-6 Foundations of Nursing Practice. (3-9)** Establishes the nursing process as a systematic approach to provide care for clients experiencing alterations in health. Focuses on safe performance and understanding of direct care activities and diagnostic procedures. A human needs perspective is used. Basic assessment and data analysis, effective communication, and critical thinking skills receive special attention. Clinical experiences are conducted in the skills lab, hospitals, and extended care settings. Prerequisites: Admission to the Nursing Program, BIOL 220, ENGL 112, H S 210, and HLTH 101. Pre- or corequisites: PSY 201 and BIOL 203. Lab fee \$10.
- 205-4 Clinical Pharmacology and Pathophysiology. (3-3)** Emphasizes concepts relevant to various adaptive and disease processes that alter human functioning. The effects of pharmacotherapeutic agents on these processes and the effect of these processes on medication metabolism are highlighted. Clinical experiences will include interpretation and integration of selected laboratory findings. Prerequisite: NUR 120. Pre-or corequisite: NUR 201. Lab fee \$10.

- 215-3 Health Assessment. (1.5-4.5)** Fosters the acquisition of skills and techniques used in comprehensive health assessment across the life span. Explores history taking and the physical examination with consideration given to developmental and ethnocultural variations. Clinical laboratory experiences focus on norms in the well client while identifying common deviations in health status. Pre- or co-requisite: NUR 210. Lab fee \$10.
- 301-4 Family Health Nursing. (1.5-7.5)** Provides an introduction to family systems theory, family dynamics, and their application to nursing practice. Emphasis is on family assessment. Families with a chronically ill or disabled member, lay care taking, and family violence are examined. Clinical experiences include acute care, hospice, and home care settings and guidance for families in crisis. Pre- or co-requisites: NUR 302, 303. Lab fee \$10.
- 302-5 Maternal-Child Health. (3-6)** Emphasizes all components of the nursing process in caring for child-bearing families within the community context. Includes anticipatory guidance in preventative and restorative care of neonates, infants, and young children. Clinical experiences are provided in a variety of acute care and community-based settings. Prerequisites: NUR 210, 215.
- 303-4 Behavioral Health Nursing. (2.5-4.5)** Emphasizes use of the nursing process in caring for mentally and emotionally disabled clients and their families. Knowledge of specific psychopharmacological agents is applied to treatment outcomes. Clinical practicum provides opportunities to examine common psychopathologies, developmental disorders, and community mental health phenomena. Prerequisites: NUR 301. Course fee \$20. Lab fee \$10.
- 305-4 Professional Role Transitions. (4-0)** Emphasizes aspects and components of the professional nursing role, role transition, critical reasoning and nursing process, theory and research utilization, resource acquisition and assessment, and teaching/learning principles. Also examines professional, legal, and ethical issues, as well as socioeconomic, political, cultural and historical trends in health care and nursing. Responsibility and accountability for professional growth and practice are also included. This course is for LVNs and RNs admitted for BSN completion. This course utilizes online components. Prerequisite: Admission to the nursing program.
- 306-3 Clinical Pharmacology and Pathophysiology Concepts for LVNs. (2.5-1.5)** Emphasizes the study of physiologic and pathophysiologic processes as the body responds to stress, injury, and disease; the effects of pharmacotherapeutic agents on these processes, and the effects of pathophysiological processes on medication metabolism. Clinical experiences will focus on the development of clinical judgment to detect therapeutic and nontherapeutic responses to medication and the interpretation of selected laboratory findings. The course is designed for the licensed vocational nurse. Pre- or co-requisite: NUR 305. Lab fee \$10.
- 307-3 Health Assessment for Licensed Nurses. (1.5-4.5)** Fosters acquisition of skills and techniques used in comprehensive health assessment across the lifespan. Explores history taking and the physical examination with consideration given to developmental and ethnocultural variations. Clinical laboratory builds on prior client experiences and known norms; common deviations in health status are identified. This course is offered exclusively to licensed nurses. Pre- or corequisite: NUR 305. Lab fee \$10.
- 314-3 Perioperative Nursing. (2-3)** Allows students to expand their understanding and skill in providing care to patients during all phases of

the perioperative period. Clinical experiences include outpatient surgery and diagnostic procedure areas of hospitals as well as traditional surgical areas. Prerequisite: Completion of the Sophomore II Nursing semester. Course fee \$20. Lab fee \$10.

- 316-5 Care of Adults for Licensed Nurses. (3-6)** Utilizes the nursing process as a systematic approach to providing nursing care of adults of all ages. Challenges myths and stereotypes of aging and end of life issues. Emphasizes the study of physiologic and pathophysiologic processes as the body responds to stress, injury, and disease. Clinical experiences provide opportunities to examine common pathophysiologies, responses to medication and other treatments, and interpretation of selected laboratory findings. This course is for LVNs admitted for BSN completion. Pre- or co-requisites: NUR 305 and 307. Course fee \$20. Lab fee \$10.
- 330-5 Nursing Care of the Older Adult. (2-9)** This course utilizes the nursing process as a systematic approach to providing nursing care for older adults. The course focuses on disease processes and events that affect homeostasis of older and elderly clients. A human needs perspective is used. Emphasis is placed on integrating assessment, data analysis, effective communication, and critical thinking skills to direct care of older clients. Clinical experiences are conducted in the skills lab, hospitals, and extended care settings. Prerequisites: NUR 201, 205, 215. Course fee \$20. Lab fee \$10.
- 332-4 Care of Young and Middle Adult. (2-6)** Emphasizes the use of the nursing process in caring for the young and middle-aged population with emphasis on critical thinking, therapeutic nursing intervention, and effective communication. Clinical practicum provides opportunities to examine the medical-surgical problems and developmental disorders among the young and middle-aged adult population. Prerequisites NUR 301, 308, 309. Course fee \$20. Lab fee \$10.
- 401-3 Emergency Nursing. (1-6)** Refines the nursing process in caring for clients of all ages experiencing medical/surgical emergencies, psychosocial crises, and trauma. Clinical experiences include provision of emergency care to individuals and diverse populations in acute care facilities and rural community settings. Transcultural competencies and critical reasoning are reinforced. Pre- or corequisites: NUR 315, 321.
- 402-3 Transcultural Nursing. (1-6)** Considers assumptions about health, illness, and death that are deeply entwined within cultural, social, and religious beliefs. Alternative healing systems and practices in contemporary society will be explored, as well as differences between provider and client cultures. Clinical experiences among diverse ethnocultural populations will enhance self awareness and culturally competent care. Prerequisites: NUR 315, 321.
- 409-5 Advanced Technology and Nursing. (3-6)** Combines knowledge of biomedical and information technologies with developing awareness of our human capacity for caring. Clinical emphasis is on the safe and effective use of advanced technology in the delivery of nursing care to individuals who experience major and complex alterations in physiological, psychosocial, and spiritual health. Prerequisites NUR 302, 303, 310. Pre- or co-requisite: NUR 411. Course fee \$20. Lab fee \$10.
- 410-4 Nursing Management and Leadership. (2-6)** Demonstrates evolution of leadership and management theories in nursing practice. Explores current research on budget, delegation, and staffing in rural health care settings. Theories of change, decision making, conflict resolution, and transcultural competencies in the workplace are addressed. Clinical experiences focus on

the role of the nurse as leader and manager of care. Prerequisites: NUR 310, 304. Lab fee \$10.

- 411-3 Nursing Research Practicum. (2-3)** Seeks to develop an applied understanding of the research process. Fosters appreciation of nursing's systematic contributions to the body of scientific knowledge and improved public health. Prepares students to be critical consumers of and collaborators in research. Provides opportunities to critique published research and to participate in research projects led by faculty. Prerequisite: MATH 300 or 350 and NUR 315, 321. Pre- or corequisite: NUR 410. Lab fee \$10.
- 425-4 Population Health Nursing. (2-6)** Focuses on populations, aggregates, and geopolitical communities. The guiding concepts are epidemiology and health promotion, determinants of health, environmental justice and global health. Discussion points include primary, secondary, and tertiary public health prevention activities and system focused practices. Coordination of an effective public health response for the nation will be examined. Prerequisites: NUR 411. Course fee \$20. Lab fee \$10.
- 430-5 Dimensions of Rural Health Care Delivery. (1-12)** Involves study of factors influencing the health status of rural communities, features, of the health care delivery system in rural areas, and unique aspects of rural nursing. Focus is on tenets of rurality and how they impact rural nursing practice. Fosters synthesis and validation of concepts and experiences gained in prior semesters. Prerequisites: Successful completion of all required course work with the exception of concurrent enrollment in NUR 420 and 425. Course fee \$20. Lab fee \$10.
- 435-3 Issues and Trends in Professional Nursing. (3-0)** Focuses on the role of the professional nurse as member of a profession. Professional issues, legal, ethical, socioeconomic, political, cultural aspects of health care and nursing are examined. Professional empowerment through knowledge of nursing and self is encouraged. Prerequisite: Successful completion of all graduation requirements with the exception of concurrent enrollment in NUR 430 and 425. Course fee \$20.
- 458-v Nursing Seminar. (variable)** Design of course will focus on current topics and issues of interest to a group of students. May be repeated for credit as topic and/or objectives of the course change. Prerequisite: Upper-division standing in the nursing major or approval of department head.
- 486-v Nursing Problems. (variable)** This course allows the student to explore a topic of special interest while working independently under the guidance of an instructor. The student formulates objectives and a plan of evaluation of the project. May be repeated for credit, subject to approval by the head of the Department of Nursing. Prerequisite: Upper-division standing in the nursing major or approval of department head.

PHILOSOPHY (PHIL)

- 101-3 Introduction to Philosophy. (3-0)** (TCCNS = PHIL 1301) A study of the writings of major philosophical authors.
- 201-3 Introduction to Logic. (3-0)** (TCCNS = PHIL 2303) This course will introduce the student to the basic principles and concepts of formal logic, formal and informal fallacies, deductive and inductive reasoning, truth tables, symbolic notation, Venn diagrams, and the logic of scientific method. It will also include consideration of the philosophical foundations of logic.