

# Nursing Elective (NUEL)

## Courses

### **NUEL 438. Infant Feeding: Historical, Societal, and Health Policy Issues. 3 hours.**

Examines infant feeding practices from historical, contemporary, societal, and political dimensions. The importance of infant feeding in developing countries as well as legislation regarding infant feeding is also examined. Course Information: Prerequisite(s): Senior or graduate standing; or consent of the instructor.

### **NUEL 440. Wholistic Health: Use of Self. 2 hours.**

Comprehensive mind, body and spiritual health care. Spiritual assessment of self, individuals and families. Self as a therapeutic agent/health provider for wholistic health care. Course Information: Prerequisite(s): Senior or graduate standing; or consent of the instructor.

### **NUEL 441. Wholistic Health: Community Focus. 2 hours.**

Community and congregational assessment. Health beliefs and practices of faith communities and their impact on health care services, communities, and systems to foster planned change. Course Information: Prerequisite(s): Senior or graduate standing; or consent of the instructor.

### **NUEL 450. Women and Mental Health Nursing. 3 hours.**

Theories of female psychology; women's daily lives and mental health; gender differences in mental illness; strategies for improving women's mental health. Course Information: Same as GWS 450. Prerequisite(s): Consent of the instructor. Students enrolled in the College of Liberal Arts and Sciences must have credit in PSCH 100 and either PSCH 270 or PSCH 315 or GWS 315.

### **NUEL 456. Women's Health: A Primary Health Care Approach. 3 hours.**

Health promotion and disease prevention in women's health. Includes community experience with community women. Primary health care approaches examined. Course Information: Same as CHSC 456. Prerequisite(s): Consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Clinical Practice and one Lecture-Discussion.

### **NUEL 460. Individualized Internship. 1-5 hours.**

Intensive internship experience will consist of a practicum that will develop skills, competencies and knowledge in a focused health care delivery setting. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Prerequisite(s): Consent of the instructor.

### **NUEL 510. Instructional Design and Delivery in Nursing and Health Sciences. 3 hours.**

Comprehensive introduction to teaching/learning theory, methods, and strategies for instruction and enhancement of learning in the classroom, clinical, and online.

### **NUEL 511. Curriculum Processes in Nursing and Health Sciences. 3 hours.**

Comprehensive introduction to processes relevant to the design and implementation of a curriculum from foundational concepts through outcomes monitoring.

### **NUEL 512. Evaluation and Assessment in Nursing and Health Sciences. 3 hours.**

Evaluation theory and strategies for evaluating student learning, courses, and programs in multiple settings and contexts.

### **NUEL 513. Teaching/Learning Synthesis in Nursing and Health Sciences. 3 hours.**

Synthesis and application of teaching/learning theories, methods, and strategies for instructional design and delivery, learner/course/program evaluation and assessment, curricular processes in individualized settings and contexts. Course Information: Prerequisite(s): Credit or concurrent registration in NUEL 510 and Credit or concurrent registration in NUEL 511 and Credit or concurrent registration in NUEL 512; and consent of the instructor.

### **NUEL 516. Cardiometabolic Risk Factors and Disease Development. 3 hours.**

Prepares the student to assess and manage cardiometabolic risk factors and diseases that include dyslipidemia, overweight and obesity, hypertension and cardiometabolic syndrome.

### **NUEL 517. Metabolic Disturbances in the Older Adult. 3 hours.**

Prepares the student to assess and manage metabolic disturbances that result in common and complex geriatric syndromes.

### **NUEL 518. Advanced Diabetes Management. 3 hours.**

Provides the student with in-depth knowledge regarding the management of diabetes mellitus and complications.

### **NUEL 520. Dying, Loss and Grief. 3 hours.**

Analysis of social, cultural, spiritual and psychological aspects of grief, loss/death for individuals, families and loved ones. Examination of interdisciplinary support available through hospice/palliative care services. Course Information: Consent of instructor.

### **NUEL 522. Palliative Management of Pain and Symptoms. 3 hours.**

Application and dissemination of evidence-based strategies for palliative management of pain and other symptoms in chronic or terminal diseases across the life span.

### **NUEL 524. Sociocultural and Ethical Issues in Palliative Care. 3 hours.**

Using ethical principles as a framework, this course explores social, cultural and political factors that influence palliative care for patients and families across the life span.

### **NUEL 526. Foundations in Rural Family and Community Healthcare I. 1 hour.**

Designed to introduce health care professions students to concepts and issues related to rural public health and primary care practice. Course Information: Field trips required at a nominal fee. Prerequisite(s): Consent of the instructor and acceptance into the Rural Health Professions program.

### **NUEL 527. Foundations in Rural Family and Community Healthcare II. 1 hour.**

Introduces students to concepts of health resources development, rural mental health as well as community based research in rural communities. Course Information: Field trips required at a nominal fee. Prerequisite(s): Grade of B or better in NUEL 526; and consent of the instructor; and acceptance into the Rural Health Professions program.

### **NUEL 528. Foundations in Rural Family and Community Healthcare III. 1 hour.**

Allows students to apply what was learned in the first year by participating in hands on community health education. In addition, clinical aspects of rural healthcare are introduced. Course Information: Field trips required at a nominal fee. Prerequisite(s): Grade of B or better in NUEL 526 and Grade of B or better in NUEL 527; and consent of the instructor; and acceptance into the Rural Health Professions program.

**NUEL 529. Foundations in Rural Family and Community Healthcare IV. 1 hour.**

Students apply what was learned in the first year by participating in hands on community health education. Clinical aspects of rural healthcare introduced with attention to behavioral dimensions with exploration of research in rural communities. Course Information: Field trips required at a nominal fee. Prerequisite(s): Grade of B or better in NUEL 526 and Grade of B or better in NUEL 527 and Grade of B or better in NUEL 528; and consent of the instructor. Acceptance into the Rural Health Professions/RNURSING program.

**NUEL 530. Foundations in Rural Family and Community Healthcare V. 1 hour.**

Students apply concepts learned previously by developing a rural evidence-based project to address an identified healthcare need including review of the chosen rural community's social, economic, cultural, organizational and political structures. Course Information: Field trips required at a nominal fee. Prerequisite(s): Grade of B or better in NUEL 526 and Grade of B or better in NUEL 527 and Grade of B or better in NUEL 528 and Grade of B or better in NUEL 529; and Grade of B or better or concurrent registration in NURS 542; and consent of the instructor; and acceptance into the Rural Health Professions/RNURSING program.

**NUEL 531. Foundations in Rural Family and Community Healthcare VI. 1 hour.**

Students apply concepts learned previously by developing a rural evidence based project to address an identified healthcare need including review of the chosen rural community's social, economic, cultural, organizational and political structures. Course Information: Field trips required at a nominal fee. Prerequisite(s): Grade of B or better in NUEL 526 and Grade of B or better in NUEL 527 and Grade of B or better in NUEL 528 and Grade of B or better in NUEL 529 and Grade of B or better in NUEL 530; and Grade of B or better or concurrent registration in NURS 555; and consent of the instructor. Acceptance into the Rural Health Professions program.

**NUEL 532. Issues in Rural Interprofessional Collaborative Practice I. 1 hour.**

Students apply concepts learned previously by implementing a rural evidence based project to address an identified healthcare need including review of the chosen rural community's social, economic, cultural, organizational and political structures. Course Information: Field trips required at a nominal fee. Prerequisite(s): Grade of B or better in NUEL 526 and Grade of B or better in NUEL 527 and Grade of B or better in NUEL 528 and Grade of B or better in NUEL 529 and Grade of B or better in NUEL 530 and Grade of B or better in NUEL 531; and Grade of B or better or concurrent registration in NUPR 556; and consent of the instructor. Acceptance into the Rural Health Professions/RNURSING program.

**NUEL 533. Issues in Rural Interprofessional Collaborative Practice II. 1 hour.**

Students apply concepts learned previously by evaluating/ disseminating a rural evidence based project to address identified healthcare need including review of multiple structures within the chosen rural community (social, economic, cultural, etc). Course Information: Field trips required at a nominal fee. Prerequisite(s): Grade of B or better in NUEL 526 and Grade of B or better in NUEL 527 and Grade of B or better in NUEL 528 and Grade of B or better in NUEL 529 and Grade of B or better in NUEL 530 and Grade of B or better in NUEL 531; and Grade of B or better in NUEL 532 and Grade of B or better or concurrent registration in NUPR 557; and consent of the instructor Acceptance into the Rural Health Professions program.

**NUEL 536. Forensic Nursing Science. 3 hours.**

Focuses on the background, development, and theoretical foundations of forensic nursing.

**NUEL 537. Forensic Health Care Documentation and Evidence Collection. 3 hours.**

Focuses on the integration of the criminal justice, social service, and legal systems into the nursing care of people affected by violence. Course Information: Prerequisite(s): NUEL 536.

**NUEL 538. Forensic Health Care for Vulnerable Populations. 3 hours.**

Focuses on the specific needs of vulnerable populations as victims of violence. Course Information: Prerequisite(s): NUEL 537.

**NUEL 539. Forensic Practicum. 3 hours.**

Completion of a practicum in a specialty practice area focusing on victims, families, and alleged perpetrators. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): NUEL 537 and consent of the instructor.

**NUEL 541. Substance Misuse and Dependence. 2 hours.**

Theories, research trends, treatment perspectives, ethical and social issues related to alcohol and other drug misuse and dependence. Course Information: Prerequisite(s): Consent of the instructor.

**NUEL 546. Biometrics and Applied Statistics. 4 hours.**

Application of recent procedures in statistical analysis. Emphasis is on design of experiments and regression analysis; use of BMDP software on Mainframe/VAX computers. Course Information: Prerequisite(s): NURS 525 or the equivalent or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

**NUEL 547. Multivariate Analysis for Health Sciences. 3 hours.**

Practical applications of multivariate techniques in health sciences. Minimal involvement in mathematics provided one has basic understanding of multivariate analysis. Course Information: Prerequisite(s): NUEL 546. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

**NUEL 548. Methodological Issues for Cross-Cultural Research. 3 hours.**

Conceptual, methodological and ethical issues for research with varied racial/ethnic backgrounds. Applies acculturation, translation, immigration, and health behavior issues to clinical, community, and international settings. Course Information: Prerequisite(s): NURS 572; and consent of the instructor.

**NUEL 549. Laboratory Techniques for Nursing Research. 3 hours.**

Techniques in laboratory research for nursing science. Basic physiological and biochemical methods and equipment, animal models, human subjects, safe laboratory practice, development from conceptualization through execution. Course Information: Prerequisite(s): NURS 536.

**NUEL 552. Responsible Conduct of Research. 1 hour.**

Overview of the major ethical issues in the conduct of research with human or animal subjects with strategies for resolving these issues. Course Information: Course is required by National Institutes of Health for all students supported by a National Research Service Award. Prerequisite(s): Consent of the instructor.

**NUEL 555. Theories and Methods in Women's Health Nursing Research. 3 hours.**

Critical analysis of theoretical and methodological approaches in women's health nursing research. Emphasis on evaluation schema useful to researchers.

**NUEL 560. Theoretical Basis for Primary Health Care. 3 hours.**

Students analyze the conceptual basis of primary health care applicable to diverse communities and develop a primary health care model specific to a community of interest.

**NUEL 561. Ethical Issues in Primary Health Care. 3 hours.**

Examination of the ethical components of primary health care as a philosophy, strategy, and level of care; and explication of personal framework for analysis of a specific health issue. Course Information: Prerequisite(s): NUEL 560 or consent of the instructor.

**NUEL 562. Primary Health Care Research Methods. 3 hours.**

Conceptual issues, advanced methodologies and dissemination strategies for scientifically sound and policy relevant global primary health care research. Building community relationships for primary health care research. Course Information: Prerequisite(s): NURS 572 and NUEL 560 or the equivalent or consent of the instructor.

**NUEL 563. Neighborhoods and Health. 3 hours.**

This interdisciplinary seminar explores theories and empirical evidence regarding the mechanisms by which neighborhoods affect health and contribute to health disparities. Course Information: Same as CHSC 563. Prerequisite(s): Graduate or professional standing and an introductory graduate-level statistics course.

**NUEL 564. Quality of Life Issues in Research and Clinical Practice. 3 hours.**

Quality of life: construct definition, ethical issues in clinical practice of nurses and other health professionals, measurement and research regarding various illness and age groups. Course Information: Prerequisite(s): Consent of the instructor.

**NUEL 565. Advanced Research in Women's Health. 1 or 2 hour.**

Advanced seminar for doctoral students in graduate nursing concentration in women's health. Faculty and students present and critique on-going and developing research. Course Information: Prerequisite(s): Consent of the instructor.

**NUEL 570. International Dimensions in Women's Health. 3 hours.**

Critical examination of the health of women from a global perspective. Emphasizes resources and strategies nurse researchers use to monitor women's health across cultures and countries. Course Information: Prerequisite(s): Consent of the instructor.

**NUEL 571. Leadership in International Health. 2 hours.**

Examines the trends and issues involved in leadership development of health professionals for global health and discusses strategies to make impact on health care outcomes in the global village.

**NUEL 575. Minority Women's Health Nursing. 3 hours.**

Theoretic and descriptive overview of the health concerns and health conditions of women from ethnic/racial minority backgrounds with implications for nursing research and practice. Course Information: Prerequisite(s): Consent of the instructor.

**NUEL 577. Foundations for Practice in Global Health. 1 hour.**

Survey course covering the delivery of healthcare globally. In addition to foundational concepts, the course exposes learners to introductory clinical management of select disease entities. Course Information: Extensive computer use required. Recommended background: Course content on disease management.

**NUEL 580. Health Services and Health Behavior Research: Models and Frameworks. 3 hours.**

Examines and critiques individual, systems, and community-level models and frameworks which guide health services delivery and health promotion behavior research. Course Information: Prerequisite(s): NURS 570 and NURS 571; or consent of the instructor.

**NUEL 581. Health Services and Health Behavior Research: Methods and Measurement. 3 hours.**

Critically analyzes methodological and measurement issues which are important to advanced research in health services delivery and health promotion behavior. Course Information: Prerequisite(s): NURS 572 and NURS 573 and NUEL 580; or consent of the instructor.

**NUEL 584. Conducting Human Subjects Research. 1 or 2 hour.**

Topics include ethical principles that guide research, federal regulations, IRB guidelines, issues of informed consent and vulnerable populations, and other topics based on student interest. Course Information: Prerequisite(s): NURS 572.

**NUEL 585. Research Seminar. 1 or 2 hour.**

Facilitates the critique of theory/methodology and process of socialization into the professional role through various discussion topics. May include the opportunity to learn to effectively discuss/present research. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated to a maximum of 4 hours. Students may register for more than one section per term. Prerequisite(s): Successful completion of preliminary examination and consent of instructor.

**NUEL 586. Nature and Functions of Sleep. 3 hours.**

Considers normal versus abnormal sleep patterns, the impact of sleep on functioning, changes in sleep across the life span, how to develop healthy sleep habits, and to evaluate sleep, sleepiness and sleep disorders. Course Information: Prerequisite(s): Baccalaureate degree in a health-related discipline or permission of instructor.

**NUEL 587. Diagnosis and Management of Selected Sleep Disorders. 3 hours.**

Considers assessment and management of sleep disorders in adults and children. Disorders include sleep apnea, insomnia and hypersomnia. Course Information: Prerequisite(s): NUEL 586.

**NUEL 588. Sleep Disorders and Comorbidities in Adults. 3 hours.**

Considers assessment and management of co-morbid sleep disorders in adults. Course Information: Prerequisite(s): NUEL 586 and NUEL 587.

**NUEL 594. Special Topics: Advanced. 1-4 hours.**

Discusses selected topics of current interest. Offered according to sufficient student demand and instructor availability. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor.

**NUEL 595. Seminar in Nursing. 1-3 hours.**

Identifies and analyzes a broad range of issues related to modern nursing and nursing research. Topics vary according to student interests and instructor availability. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor.

**NUEL 596. Independent Study: Graduate. 1-4 hours.**

Selected problems in nursing are investigated under the direction of a graduate faculty member. Modes of investigation are determined by the nature of the nursing problem selected. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor.