Nueling Elective (NUEL)

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 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. 3 hours.
First in a series of courses designed to introduce concepts/issues related to rural primary care and clinical aspects of rural healthcare. Offers opportunity for experiential learning (a field trip) or an alternative activity.

NUEL 527. Foundations in Rural Family and Community Healthcare II. 3 hours.
Second in a series of courses designed to introduce concepts/issues related to rural primary care and clinical aspects of rural healthcare. Offers opportunity for experiential learning (a field trip) or an alternative activity. Course Information: Prerequisite(s): Grade of B or better in NUEL 526.

NUEL 528. Foundations in Rural Family and Community Healthcare III. 3 hours.
Third in a series of courses designed to introduce concepts/issues related to rural primary care and clinical aspects of rural healthcare. Offers opportunity for experiential learning (a field trip) or an alternative activity. Course Information: Prerequisite(s): Grade of B or better in NUEL 527.

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 NURS 555; 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 NURS 557; and consent of the instructor Acceptance into the Rural Health Professions program.
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 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 572. Foundations in Global Health. 3 hours.
Provides knowledge of global health issues through an exploration of
social, environmental, economic, and political factors, the globalization
of health and healthcare and health disparities using a social justice and
human rights lens. Course Information: This is a blended course. At least
50% of classes will be held in-person/synchronous with online activities
the remainder of the weeks. Students will need access to a computer with
video and audio capability and high speed internet connection.

NUEL 573. Global Health Program Management. 3 hours.
Covers the fundamentals of planning, implementing, monitoring and
evaluating evidence-based global health programs with a focus on
interaction and partnerships, strengthening capacity and effective
communication strategies. Course Information: Extensive computer use
required. This is a blended course. At least 50% of classes will be held
in-person/synchronous with online activities the remainder of the weeks.
Students will need access to a computer with video and audio capability
and high speed internet connection. Prerequisite(s): NUEL 572.

NUEL 574. Developing a Global Health Nursing Practice. 3 hours.
Explores building a professional global health practice focused on
strengthening interprofessional collaboration, identifying ethical
challenges and applying principles of social justice and human rights to
address global health concerns. Course Information: This is a blended
course. At least 50% of classes will be held in-person/synchronous with
online activities the remainder of the weeks. Students will need access
to a computer with video and audio capability and high speed internet
connection. Prerequisite(s): NUEL 572.

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