NEL 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.

NEL 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.

NEL 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.

NEL 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): Grade of B or better in NUEL 510 and Credit or concurrent registration in NUEL 511 and Credit or concurrent registration in NUEL 512; and consent of the instructor.

NEL 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.

NEL 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.

NEL 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.

NEL 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.

NEL 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.

NEL 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.

NEL 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.

NEL 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.

NEL 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.

NEL 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.

NEL 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 NURP 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 collaboration 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.
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.