Degrees Offered
Master of Arts in Intercultural Studies
Master of Science in Biology
Certificate in International Health Care

Mission Statement
The College of Arts and Sciences provides an excellent liberal arts education that is informed by Christian faith and prepares students for life, careers, and service.

Goals
• Excellence driven: The College of Arts and Sciences is committed to excellence in every aspect of the academy, including teaching, scholarship, and service.
• Christ-centered: The College of Arts and Sciences seeks to foster spiritual growth and the development of a vital Christian worldview in both faculty and students.
• People-focused: The College of Arts and Sciences consists of faculty and staff committed to modeling the concept of servant leadership.
• Future-directed: The College of Arts and Sciences seeks to nurture lifelong learning skills, empowering students and faculty to impact their local and global communities.
Purpose Statement:
To enhance student preparation for professional school, graduate school, or career opportunities.

Program Description
The Master of Science in Biology is offered through two tracks: Pre-Professional and General Biology. The Pre-Professional track is designed for students who are seeking to be better prepared for their particular health-related professional program. The General Biology track is a broader, more customized program for students who are seeking to further their education or career opportunities through advanced training in Biology. The program includes mentoring and advising for students for both professional programs and career preparation. The Master of Science in Biology is very affordable compared to similar programs around the country, and students who complete advanced training in Biology at Union are extremely well prepared to be successful at the professional level (for more information, please visit the program website at www.uu.edu/msbio).

Admission Information

Admission Requirements
• Bachelor’s degree from accredited college or university; Official transcript(s) showing all course work, completion of baccalaureate degree(s), and all graduate credit previously attempted. Even if withdrawal occurred prior to earning credits and even if those credits do not apply to the current degree being sought, official transcripts must be sent from each institution.
• Minimum undergraduate GPA of 2.5.
• Minimum of 12 undergraduate hours in biology applicable to a biology major.
• Statement of purpose (500-1000 words) which identifies your educational goals and expectations from the program, as well as your primary and secondary career objectives.
• Three letters of recommendation.
• Scores from professional exam required (i.e., GRE, MCAT, PCAT, etc.).

Retention Criteria
• Must maintain minimum 3.0 GPA
• If not achieved after Fall term, student will be on probation, and will be able to raise the GPA with the Winter term course
• If GPA of 3.0 is not achieved after Winter term, student may be dismissed from the program.

Alternate List
Students who otherwise meet the eligibility requirements for the Master of Science in Biology but who apply after the entering class has been filled will be placed on an alternate list and will be notified if they are selected for inclusion in the program for the upcoming academic year. Students who are placed on the alternate list and who are not admitted will receive a refund of half of their Application Fee ($25).

Completion Requirements
Both the Pre-Professional and General Biology tracks require 30 credit hours and a final GPA of 3.0 to graduate. Students complete the 30 hours over a sequence of three terms, taking 14 hours in the Fall, 4 hours in the Winter, and 12 hours in the Spring. This sequence includes a 2 hour required course in the Fall, Career Development in Biology, and a 2 hour required course in both the Fall and Spring, leading to the completion of a non-thesis final paper. At least one course each Fall, Winter and Spring term must include the accompanying lab section. Students may take additional laboratory sections if space permits.

A. BIO 518, 570, 571
B. Fall Semester: Three courses from BIO 505 or 521, 510, 512, 514, 517, 525, or 540 (one of the selected courses must have a lab component). Additional options for General Track: BIO 501, 536, 543, 555, 559, 560.
C. Winter Term: One course from BIO 541 or 542; Additional options for General Track: BIO 556, 557.
D. Spring Semester: Three courses from BIO 507 or 522, 515, 516, or 523 (one of the selected courses must have a lab component). Additional options for General Track: BIO 511, 535, 537, 538, 558.
E. Special Topics in Cell or Molecular Biology may be considered if applicable (BIO 597).

Each student is assigned a mentor who will work closely with the student to select appropriate courses. The mentor will also work with the student throughout the Graduate Project courses to complete the non-thesis final paper.

Financial Information
• Application Fee: $50
• Laboratory Fees: A lab fee will be assessed for each lab course.
• Tuition/semester hour: $500
• Deposit: $500 (will be applied to your first semester’s tuition following matriculation); due May 1 or within two weeks of acceptance of your application. The deposit is 100% refundable within 20 business days of the acceptance of your application, 50% refundable between 21 and 35 days after acceptance of your application, non-refundable after 35 days of acceptance of your application). No refunds of deposits will be given after July 1.
Financial Aid Information for Graduate Students

Financial aid information for graduate students is available on our website at http://www.uu.edu/financialaid/graduate/. Generally, graduate students may be eligible for Federal Direct student loans or private alternative student loans (www.uu.edu/financialaid/loans/alternative-lender-list.cfm), depending on the program of study and the eligibility of the borrower. Union University is also approved by the Department for Veterans Affairs to offer educational benefits to veterans, reservists, and dependents of veterans who qualify for Veterans Benefits. Any person who qualifies for VA Benefits should check with the Office of Student Financial Planning as soon as possible after acceptance into a graduate program. Additional external scholarship information may be obtained through www.fastweb.com

Course Descriptions: Biology (BIO)

501/501L. Invertebrate Zoology (3) and Invertebrate Zoology Lab (1) F–Even Years
Classification, morphology, physiology, and ecology of the invertebrate animals. Three hours lecture and optional 3 hours laboratory/week.

505. Applied Anatomy & Physiology I (3) F
Prerequisites: BIO 221 and 222 or permission of instructor. An intensive examination of the human body that addresses the normal complex physiological processes of the cell, fluids and electrolytes, acid-base balance, temperature regulation, vascular hemodynamics, mobilization of fluids through the body and lymphatic system, musculoskeletal systems and function of the myocardium. The acquired information will provide the student with a body of knowledge to critically evaluate co-existing conditions of the surgical patient.

507. Applied Anatomy & Physiology II (3) S
Prerequisites: BIO 221 and 222 or permission of instructor. A continuation of 505 focusing on the normal complex physiological processes of blood components and coagulation and the respiratory, renal, endocrine, digestive and nervous system.

510. Advanced Human Gross Anatomy (3) F
Prerequisites: BIO 221 & 222 or BIO 505 & 507 or permission of instructor. This course will incorporate the dissection of cadavers and viewing of anatomical models in understanding the nervous, endocrine, cardiovascular, respiratory, digestive, and urinary systems of the human body. Additional emphasis is placed on the needs of professional health care personnel.

511. Conservation Techniques (3) S–Even Years
A field intensive introduction to techniques for determining the age of many species, trapping for population assessments, terrestrial and aquatic sampling methods, methods for assessing population health through necropsies, and habitat management techniques. One hour lecture and 6 hours laboratory/week.

512/512L. Comparative Vertebrate Anatomy (3) and Comparative Vertebrate Anatomy Lab (1) F–Odd Years
Study of the similarities of anatomy and early development of vertebrates, complemented by dissection of representative adults. Three hours lecture and optional 3 hours laboratory/week.

514. Immune Response to Infectious Disease (3) F
This course reviews the organisms associated with infections in humans with application directed towards those most commonly encountered in the United States. This will be integrated with a study of the immune system, how the body responds to various types of infections, and relevant clinical treatment methods.

515/515L. Genetics (3) and Genetics Lab (1) S
A study of the principles of heredity including both classical and molecular genetics. Three hours lecture and optional 3 hours laboratory/week.

516/516L. Physiology (3) and Physiology Lab (1) S
A study of the principles of physiology, emphasizing metabolic processes common to many organisms. Three hours lecture and optional 3 hours laboratory/week.

517/517L. Developmental Biology (3) and Developmental Biology Lab (1) F
A study of development in organisms, including both classical, descriptive embryology and contemporary investigations of processes involved in morphogenesis and differentiation. Three hours lecture and optional 3 hours laboratory/week.

518. Career Development in Biology (2) F
This course is designed to develop critical professional skills in students interested in a career in the biological sciences. An emphasis will be in guiding the students through the professional or graduate school application process, specifically developing their interviewing skills. It will stress the significance of networking in professional and social development and help the students find the best fit for their professional education or job search, as well as educating them on alternative career paths in the biological sciences.

520/520L. Immunology (3) and Immunology Lab (1) F
Structure and function of the immune system and some diseases related to the immune system. Laboratory will focus on a group research project. Three hours lecture and optional 3 hours laboratory/week.

521/521L. Advanced Human Anatomy & Physiology I (3) and Advanced Human Anatomy & Physiology I Lab (1) F
The 1st of a 2-semester sequence designed to establish a knowledge base of human anatomy and physiology. Body systems studied include the integumentary, skeletal, muscular, and nervous systems. Three hours lecture and optional 3 hours laboratory/week.
522/522L. Advanced Human Anatomy and Physiology II (3) and Advanced Human Anatomy & Physiology II Lab (1) S
Prerequisite: BIO 521.
A continuation of BIO 521 studying body systems: endocrine, cardiovascular, respiratory, urinary, digestive, and lymphatic. Three hours lecture and optional 3 hours laboratory/week.

523/523L. Cell Biology (3) and Cell Biology Lab (1) S
A study of biological systems at the cellular and subcellular levels emphasizing functional aspects such as protein procession and sorting, membrane systems, energy generation in mitochondria and chloroplasts, and cell signaling. Three hours lecture and optional 3 hours laboratory/week.

525/525L. Molecular Biology (3) and Molecular Biology Lab (1) F
Basic principles of molecular biology focusing on recombinant DNA methods as applied to a variety of biological questions. Students will learn basic research laboratory skills through a wide range of methods from gel electrophoresis to subcloning. Three hours lecture and optional 3 hours laboratory/week.

535. Conservation Biology (3) S–Even Years
A study of the principles of conservation and wildlife management. Examines the ecology of species of interest and the habitat manipulation techniques used in the conservation of such organisms.

536/536L. Ecology and Conservation of the Vertebrates (3) and Ecology and Conversation of the Vertebrates Lab (1) F–Even Years
Study of the natural history and ecology of North American vertebrates, including fish, amphibians, reptiles, birds and mammals. Conservation concerns of particular vertebrates will be examined. Three hours lecture and optional 3 hours laboratory/week.

537. Taxonomy of the Vascular Plants (4) S–Odd Years
A study of the vascular plants of the eastern United States, focusing on the common herbaceous plants, vines, shrubs, and trees and their identification in the field. Field trips required. Two hours lecture and 6 hours laboratory/week.

538/538L. Ecology (3) and Ecology Lab (1) S
A study of the interactions between organisms and their biological and physical environments. Three hours lecture and optional 3 hours laboratory/week.

540. Experimental Design and Biostatistics (4) F
Statistical analysis of data in a biological context. Students will be given the opportunity to identify a variety of biological problems, develop specific questions, design and conduct experiments to address these questions, formulate and test hypotheses, choose and run the appropriate statistical test, and interpret the outcomes of such test. Three hours lecture and 3 hours laboratory/week.

541. Histology (4) W–Odd Years
The branch of anatomy that deals with structure, composition, design and function of body tissues as it relates to the principles of physiology, biochemistry, molecular biology and medicine. Three hours lecture and 3 hours laboratory/week.

542. Medical Parasitology (4) W–Even Years
Parasitology is a course that will apply information learned in a variety of Biology courses to the study of parasites and parasitic diseases. Specifically, this course will address the ecology, epidemiology and biochemistry of parasites and diseases caused by parasites. The laboratory will focus on the identification of important parasite groups and methods for host examination and diagnosis. Three hours of lecture and 3 hours laboratory/week.

543. Natural Resources Policy (3) F–Odd Years
Examines current laws and policies governing public and private lands and the conservation of wildlife in the United States.

555. Environmental Ethics (3) S–Odd Years
This course will examine the relationship between humans and their natural environment; addressing the problems confronting the necessity to balance conservation with human need and the use of natural resources. Topics to be explored include an ethical consideration for the urban environment and of wilderness preservation, the interplay of local and global environmental ethics, and the ethics of sustainability. An overarching view of the scope of historical and modern bioethical issues will also enter into our discussions.

556. Marine Biology (3) W–Even Years
Lectures and labs on the nature of life in the ocean and in coastal environments. The first part of the semester is spent at Union University facilities and the second part is spent exploring the coastal environments of South Georgia and the Atlantic Coast of Florida. There is an extra fee associated with this class.

557. Ornithology (3) W-Even Years
Focuses on the identification and ecology of birds in the eastern United States. Multiple field trips are required, culminating with a 10-day trip to South Georgia and Florida. There is an extra fee associated with this class.

558/558L. Plant Physiology (3) and Plant Physiology Lab (1) S–Even Years
Study of physiological factors influencing the chemical and structural composition of plant absorption and utilization of water and minerals; photosynthesis, translocation, respiration, nitrogen metabolism; and growth and development. Physiology is the study of how plants function, including resource acquisition, energy creation and use, resource allocation, life cycle, and stress response. Three hours lecture and optional 3 hours laboratory/week.

559/559L. Dendrology (3) and Dendrology Lab (1) F–Even Years
This course will focus on the identification and management of trees, focusing on forest ecology and silvicultural
practices. The laboratory will include field trips that will focus on tree identification. Three hours lecture and optional 3 hours laboratory/week.

560/560L. Plant-Insect Interactions (3) and Plant-Insect Interactions Lab (1) F–Odd Years
This course is designed to introduce the student to insects and their relationships with plants. Lecture will cover insect ecology, taxonomy, and biology, as well as plant strategies to overcome insect damage and mutualism between plants and insects. The laboratory and field portions of the class will involve insect collection and identification, along with the evaluation of positive and negative impacts of insects on plants. Three hours lecture and optional 3 hours laboratory/week.

570. Graduate Project I (2) F
Students enrolling in this course will work with a faculty mentor on a year-long project, culminating in a research paper, which will be defended in a public forum before a committee of three faculty members (including the mentor). The mentor will work with the student to select courses to support the general overview of the project.

571. Graduate Project II (2) S
Continuation of BIO 570.

597. Special Topics in Cell and Molecular Biology F or S
Variable content course designed to address cutting-edge topics in cell and molecular biology.
Mission

Intercultural engagement—including community development, humanitarian outreach, and integrative research skills—is essential for a globalized world and increasingly important to our student population. Union’s M.A. in Intercultural Studies (M.A.I.S.)—integrative, academically rigorous, missional—is a 39 credit-hour graduate program that provides its students with an interdisciplinary approach to current theory and research relevant to intercultural engagement.

Admission and Conditional Admission

Admission to the Master of Arts in Intercultural Studies program is based on the overall record and aptitude of the applicant. The M.A.I.S. Director and the M.A.I.S. Admissions Committee will determine whether to accept or conditionally accept an applicant based on the overall record and aptitude of the candidate.

After successfully completing one semester in the M.A.I.S. program, including a minimum of 6 hours of UU courses with at least a 3.0 average, students who are conditionally admitted will earn full admission to the program.

Program Features

The curriculum for the program consists of a 27-hour core of classes and a 12-hour emphasis approved by the program director. As a low-residency program, the delivery system for the core classes is intensive and full-time status for a regular semester is 6 graduate credit hours. At other times throughout the course, students complete readings, online course activities and other assignments as required by the professor. Dates for the intensive course meetings are announced as part of the preregistration process each term. Transfer credit: maximum 6 hours with grades of B or higher and approval of Director.

Academic Calendar and Schedules

Calendars and Schedules of Course offerings for the M.A.I.S. program are available from the Program Coordinator.

Graduation Requirements

Completion of the 39 credit hours of required coursework, including an approved 12 credit-hour emphasis with a total minimum grade point average of 3.0 or higher. For more information regarding the 12 credit-hour program emphasis, see the concluding section of this program’s catalog entry.
Financial Information

Application Fee: ....................................................... $ 25
General Student Fee: ................................................... 20/hour
Tuition/semester hour: ................................................... 475

If a student withdraws from a class that meets on the intensive weekend schedule, any refund will be prorated according to the course time elapsed at the time of the withdrawal.

All financial information is subject to change without notice.

Course Offerings in Intercultural Studies (ICS)

510. Intercultural Communication (3)
An examination of intercultural communication with a focus on self-awareness and developing effective communication.

515. International Professional Realities and Opportunities (3)
An introduction to the professional intercultural environment designed to help the student develop an awareness and understanding of the knowledge and skills needed to develop a professional framework for employment in other cultures.

520. Organizational Systems of Society (3)
A study of organizational systems encountered across cultures. Emphasis is on developing skills necessary for the recognition and assessment of systems and strategies for successful interaction with these systems.

525. Field Research Methods (3)
A course designed to provide students with conceptual tools and research skills in the area of comparative cultural studies. The hands-on approach helps students prepare to design and conduct their own ethnographic research in culturally diverse settings. All students are required to complete the appropriate security training course prior to beginning field research.

530. Field Data Analysis and Strategic Planning (3)
A course that builds on in-class and applied field research knowledge by guiding students through the process of field data analysis. Attention is given to both qualitative and quantitative analytical methods. Students participate in process-focused learning and writing workshops which culminate in the preparation of case-study reports based on their field research/data.

535. Artistic and Intellectual Expressions of Culture (3)
An emphasis on how to develop learning skills to understand the lexicon, grammar, and semantics of other intellectual and artistic systems encountered across cultures.

540. Language and Culture (3)
A study of language development and its relationship to culture. Examines principles of language acquisition and language teaching methodologies.

545. Capstone Seminar (3)
Students complete and integrative interdisciplinary research project that demonstrates their understanding of the principles, themes and concepts that are foundational to the core curriculum of the MAIS and the student's professional emphasis. A formal written presentation and a formal oral presentation of the research are required.

555. Field Experience (3)
Field experience in which students will conduct ethnographic research. All projects must have instructor's approval.

579. External Domestic Study Programs (1-4)
All courses and their applications must be defined and approved prior to registering.

579PF. External Domestic Study Programs (Pass/Fail) As Needed
All courses and their applications must be defined and approved prior to registering.

580. Study Abroad Programs (1-4)
All courses and their applications must be defined and approved prior to travel.

580PF. Study Abroad Programs (Pass/Fail) As Needed
All courses and their applications must be defined and approved prior to travel.

585. Special Studies in Intercultural Studies (1-4)
Studies which do not appear in the department course offerings. Course content will be determined by need.

655. Independent Study (1-4)
Individual research and study under the guidance of a graduate faculty member.
M.A.I.S. Emphases

The M.A.I.S.'s 12-hour program emphasis is designed to enhance a student's learning experience and/or provide specialization for a given student's vocational goals. The Director of the M.A.I.S. works with students to craft emphases that are cohesive, academically rigorous, and interculturally relevant. Primary consideration is given to emphases completed within the MAIS, while secondary consideration is given to emphases completed within Union's graduate coursework.

Emphases within the M.A.I.S.

Students seeking intercultural theory, research, and internships/externships work with the M.A.I.S. Program Director to craft an emphasis within the program.

Emphases within Union's graduate programming

Students seeking emphases of a disciplinary nature may propose coursework from other Union graduate programs. Partnering with Union's AASCSB-accredited Masters in Business Administration (MBA), the Masters in Christian Studies (MCS), the CSWE-accredited Masters in Social Work (MSW), and the Department of Languages, the MA in Intercultural Studies offers an emphasis in Business, Christian Studies, Social Work, French, and Spanish. The MA in Intercultural Studies also offers graduate training in Teaching English as a Second Language (TESL). These programs provide an integrative framework for current theory, practice, and research for those seeking private and public sector opportunities both stateside and abroad. Students are encouraged to pursue structured field experiences relevant to their vocational interests when available.

Emphases include but are not limited to the following:

Business Emphasis, Intercultural Studies

Business Emphasis Course Options: For the M.A.I.S. program's three-course research sequence, students pursuing this program of study may craft their research around business and commerce-related phenomena. Students will work with the M.A.I.S. Program Director to craft an emphasis best suited for their individual vocational goals. Course options for the Master of Business Administration (MBA) emphasis include the following (see MBA section of the catalogue for course descriptions): MBA 620 Ethical Management, MBA 621 Business & the Legal Environment, MBA 622 Social Issues in Management, MBA 628 Strategic Marketing, MBA 630 Management Information Systems, MBA 643 Negotiations & Conflict Resolution, MBA 648 Organizational Behavior.

Christian Studies Emphasis, Intercultural Studies

Christian Studies Emphasis Course Options: For the M.A.I.S. program's three-course research sequence, students pursuing this program of study may craft their research around theological, faith-based, and/or worship-based phenomena. Students will work with the M.A.I.S. Program Director to craft an emphasis best suited for their individual vocational goals. MAIS students interested in pursuing appointment with the International Mission Board of the Southern Baptist Convention should consult the Director of the MCS to devise an M.A.I.S. program emphasis that meets IMB's requirements. Course options for the Masters of Christian Studies (MCS) emphasis include the following (see MCS section of the catalogue for course descriptions):

MCS 500 Old Testament I: Promise, Covenant, and Praise
MCS 505 Old Testament II: Wisdom, Justice, and God's Rule
MCS 520 Bible Study for Preaching and Teaching
MCS 530 Church History I: Early and Medieval Christianity
MCS 531 Church History II: Reformation and Modern Christianity
MCS 537 Introduction to Christian Ethics
MCS 538 Christian Leadership
MCS 545 Theology I: God, Revelation, and Humanity
MCS 546 Theology II: Christ, the Spirit, and Last Things

Human Services Emphasis, Intercultural Studies

Human Services Emphasis Course Options: For the M.A.I.S. program's three-course research sequence, students pursuing this program of study may craft their research around a range of human services-related phenomena. Students will work with the M.A.I.S. Program Director to craft an emphasis best suited for their individual vocational goals. Course options for the Masters in Social Work (MSW) emphasis include the following (see MSW section of the catalogue for course descriptions): SW 500 Human Behavior and the Social Environment I: Theoretical Foundations, SW 501 Human Behavior and the Social Environment II: Assessment through the Lifespan, SW 510 Social Welfare and Social Justice, SW 522 Aging Issues and Services, SW 526 Children and Families at Risk, SW 535 Policy Analysis and Advocacy, SW 550 Grant Writing and Grant Management, SW 551 Spirituality and Religion in Social Work Practice, SW 555 Gender and Sexuality, SW 557 Faith-Based Social Services.

French or Spanish Emphasis, Intercultural Studies

French or Spanish Emphasis Course Options: For the M.A.I.S. program's three-course research sequence, students pursuing this program of study may craft their research around a variety of ethnolinguistic points of inquiry. Students will work with the M.A.I.S. Program Director to craft an emphasis best suited for their individual vocational goals. Course options for the French or Spanish emphasis include the following (see M.A.Ed. section of the catalogue for course descriptions): EDU 523 Instructional Methodology for Modern Languages in Secondary School, LANG 579 External Domestic Study Programs, LANG 580 Study Abroad Programs, LANG 585 Special Studies in Language, LANG 598 Seminar, LANG 640 Special Studies in Language, LANG 655 Independent Study, LANG 680 Research in Language Education A, LANG 685 Research in Language Education B.
English as a Second Language Emphasis, Intercultural Studies

TESL Emphasis Course Options: For the M.A.I.S. program’s three-course research sequence, students pursuing this program of study may craft their research around sociolinguistic phenomena and/or action research in language teaching-learning settings. Students are encouraged to pursue structured field experiences relevant to language teaching on and off campus and when available. Students will work with the M.A.I.S. Program Director to craft an emphasis best suited for their individual vocational goals. Course options include the following (see M.A.Ed. section of the catalogue for course descriptions):

TESL 510 Language and Acquisition
TESL 515 Language & Literacy
TESL 520 Critical Contexts of Language Assessment
TESL 530 Theory & Practice: Language Curriculum Development
EDU 523 Instructional Methodology for Modern Languages in Secondary School
The purpose of the Certificate in International Health Care is to enhance the knowledge and clinical skills of domestic and/or international nurses and to promote an awareness of intercultural relationships. The two-semester program will provide curriculum that incorporates didactic instruction, clinical laboratory and simulation experiences, and anatomical instruction in the cadaver lab. The program will prepare the international nurse for additional licensure and certification for service at the domestic and/or international level. The intercultural studies component of the program will present foundational concepts of intercultural communication and promote the development of intercultural competence, especially in health care settings.

Certificate in International Health Care—24 hours
A. ICS 511 and 512—4 hours
B. Select 20 hours from: CHP 500, 505, 510, 515, 520, 525, and 540.

Course Offerings in Intercultural Studies (ICS)
511. Introduction to Intercultural Communication in Health care I (2)
Introduction to the theory and practice of intercultural communications with particular attention to health care contexts.

512. Introduction to Intercultural Communication in Health care I I (2)
Introduction to the effective managing and transferring of knowledge in health care contexts within different cultures.

Course Offerings in Center for Excellence in Health Care Practice (CHP)
500. Principles and Practice of Executive Nursing Leadership (4)
Principles and practices of executive nursing leadership as it relates to the understanding of health care systems and role of the nurse leader as a change agent. Clinical simulation and didactic instruction will be provided in strengthening the practice of the established nurse.

505. Principles and Practice of Maternal-Child Nursing (4)
Principles and practice of maternal-child nursing as it relates to the wellness-illness continuum of childbearing families toward promotive and preventative care for the families and newborn. Clinical simulation, anatomical experiences, and didactic instruction will be provided in strengthening the practice of the established nurse.

510. Principles and Practice of Cardiac Vascular Nursing (4)
Principles and practices of cardiac vascular nursing as it relates to providing holistic care for the patient that exhibits cardiac and/or vascular pathophysiological processes. Clinical simulation, anatomical experiences, and didactic instruction will be provided in strengthening the practice of the established nurse.

515. Principles and Practice of Psychiatric Mental Health Nursing (4)
Principles and practice of psychiatric mental health nursing as it relates to therapeutic communication in addressing individual and aggregate issues in promoting a healthy individual and family social dynamics. Clinical simulation, anatomical experiences, and didactic instruction will be provided in strengthening the practice of the established nurse.

520. Principles and Practice of Pediatric Nursing (4)
Principles and practice of pediatric nursing as it relates to the wellness-illness continuum of childrearing families in promotive and preventive care for the family and child. Clinical simulation, anatomical experiences, and didactic instruction will be provided in strengthening the practice of the established nurse.
525. Principles and Practice of Medical-Surgical Nursing (6)
Principles and practice of medical-surgical nursing as related to the wellness-illness continuum addressing the pathophysiological and psychological issues associated with acute and chronic disease processes. Clinical simulation, anatomical experiences, and didactic instruction will be provided in strengthening the practice of the established nurse.

540. NCLEX-RN Prep Course for International Nurses (6)
A broad overview of all areas of nursing care as it relates to the potential content on the NCLEX-RN exam, including necessary test taking skills and practice exams based on NCLEX-RN standards. Clinical simulation, anatomical experiences, and didactic instruction will be provided in strengthening the practice of the established nurse.