ADDENDUM E
TO THE NATIONAL UNIVERSITY GENERAL CATALOG 81
*Effective September 1, 2018*

National University Academic Headquarters
11255 North Torrey Pines Road
La Jolla, CA 92037-1011
(858) 642-8800
TECHNOLOGY FEES
The following courses utilize a third party technology. Accessing the third-party technology is a required component of your course. The technology fee will be applied to the student’s account at the time tuition is applied.

Technology Fee
NSG623 ................................................................. $89.25
PSY428 ................................................................. $61.00
PSY469 ................................................................. $61.00

COLLEGE OF LETTERS AND SCIENCES
Program Terminations
- Associate of Arts in Creative Writing
- Master of Science in Biology
- Master of Science in Mathematics for Educators

SCHOOL OF BUSINESS AND MANAGEMENT
Program Terminations
- Global Master of Business Administration (Spanish)
- Master of Global Management

SANFORD COLLEGE OF EDUCATION
Program Terminations
- Graduate Certificate in Early Childhood Education

SCHOOL OF PROFESSIONAL STUDIES
Program Terminations
- Bachelor of Science in Hospitality and Casino Management

SCHOOL OF HEALTH AND HUMAN SERVICES
UNDERGRADUATE DEGREES
NURSING PROGRAMS
NURSING PROGRAMS
Modified Programs

Program Description
The Bachelor of Science in Nursing (BSN) program provides the foundation for professional nursing practice as a beginning generalist clinician who provides care to individuals, families, communities, and populations. The baccalaureate degree prepares nurses for leadership in providing direct care and collaborating within care teams that work to improve the quality and safety of health care. Graduates are eligible to take the professional licensure exam (NCLEX) to earn a State license to practice as a Registered Nurse (RN).

BACHELOR OF SCIENCE IN NURSING GENERIC ENTRY (B.S.N.) (CALIFORNIA)
Academic Program Director: Hope Farquharson; (858) 512-3947; hfarquharson@nu.edu

The Bachelor of Science in Nursing (BSN) program prepares degree candidates to develop critical thinking, communication, and therapeutic nursing skills within the framework of trans-cultural nursing. Graduates are able to manage the nursing care of culturally diverse clients in a variety of settings.

Program Learning Outcomes
Upon successful completion of this program, students will be able to:
- Develop caring, therapeutic nursing relationships with individuals, families, and groups.
- Provide safe, high quality, culturally competent, patient-centered nursing care for individuals across the life span in a variety of settings.
- Participate in the continuous improvement of nursing care quality and safety.
- Use nursing judgment to manage, prioritize, and delegate patient care in a variety of health care settings.
- Effectively communicate and collaborate with patients and the interdisciplinary team.
- Demonstrate professional identity by incorporating established standards of practice within the legal and ethical framework of nursing.
- Apply best, current evidence into nursing practice to achieve desired outcomes.

Degree Requirements
To receive a Bachelor of Science in Nursing (BSN), students must complete at least 180 quarter units as articulated below, 45 of which must be completed in residence at National University, 76.5 of which must be completed at the upper-division level, and the University General Education requirements. In the absence of transfer credit, additional general electives may be necessary to satisfy total units for the degree. The following courses are specific degree requirements.

Required General Education Preparation
(18 courses; 69 quarter units)
The following areas of General Education must be completed prior to beginning any preparation for the Major or Nursing Major core coursework: Area A1, A2, Area B, Area C, Area E, and Area F.

AREA A: ENGLISH COMMUNICATION
CATEGORY 1 - Writing
(2 courses; 6 quarter units)
ENG 100  Effective College English I (3 quarter units)
ENG 101   Effective College English II (3 quarter units)
Prerequisite: ENG 100
CATEGORY 2 - Speech and Communication
(1 course; 4.5 quarter units)
COM 103   Public Speaking

AREA B: MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING
(1 course; 4.5 quarter units)
BST 322    Intro to Biomedical Statistics

AREA C: INFORMATION LITERACY AND TECHNOLOGY
(1 course; 4.5 quarter units)
ILR 260  Information Literacy
Prerequisite: ENG 100 and ENG 101

AREA D: ARTS, HUMANITIES, AND LANGUAGES
(4 courses; 18 quarter units)
See the General Education section of the catalog for applicable courses

AREA E: SOCIAL AND BEHAVIORAL SCIENCES
(2 courses; 9 quarter units)
PSY 100  Introduction to Psychology
SOC 100  Principles of Sociology
Prerequisite: ENG 100 and ENG 101

For the remaining 9 units (2 courses), see the General Education section of the catalog for applicable courses.

Explore more on the National University website: nu.edu
AREA F: PHYSICAL AND BIOLOGICAL SCIENCES
(6 courses; 18 quarter units)

BIO 201 Human Anatomy & Physiology I
Recommended: Prior completion of: BIO 100, BIO 100A, CHE 101 and CHE 101A or equivalent courses.

BIO 201A Human Anatomy & Physiology Lab I (1.5 quarter units)
Prerequisite: BIO 201

BIO 202 Human Anatomy & Physiology II
Recommended: Prior completion of: BIO 201, BIO 201A, BIO 100, BIO 100A, CHE 101 and CHE 101A or equivalent courses

BIO 202A Human Anatomy & Physiology Lab II (1.5 quarter units)
Prerequisite: BIO 202

BIO 203 Introductory Microbiology
Recommended: Prior completion of: BIO 201, BIO 201A, BIO 202, BIO 202A, BIO 100, BIO 100A, CHE 101 and CHE 101A or equivalent courses

BIO 203A Introductory Microbiology Lab (1.5 quarter units)
Prerequisite: BIO 203

AREA A-G: GENERAL EDUCATION
(1 course; 4.5 quarter units)

SOC 500 Cultural Pluralism in the USA
Prerequisite: ENG 100 and ENG 101

or

HUB 500 Cross-Cultural Dynamics
Prerequisite: ENG 100, ENG 101 and PSY 100

Preparation for the Major
(9 courses; 34.5 quarter units)
The following areas of General Education must be completed prior to beginning any preparation for the Major or Nursing Major core coursework: Area A1, A2, Area B, Area C, Area E, and Area F.

NGS 403 Nursing Theories and Models

NGS 212 Health Assessment (3 quarter units)
Prerequisite: Admission to nursing program and completion of required general education preparation with a minimum GPA 2.75, Corequisite: NGS 212A

NGS 212A Health Assessment Clinical (2 quarter units)
Corequisite: NGS 212

NGS 304 Pharmacology in Nursing

NGS 422 Nursing Research
Prerequisite: BST 322

NGS 240 Foundations of Nursing
Prerequisite: “C” or better in NGS 212 and “S” in NGS 212A, Corequisite: NGS 240A

NGS 240A Foundations Clinical Lab (3.5 quarter units)
Prerequisite: “C” or better in NGS212 and “S” in NGS 212A, Corequisite: NGS 240

NGS 245 Medical-Surgical Nursing I
Prerequisite: NGS 240 and NGS 240A, Corequisite: NGS 245A

NGS 245A Medical-Surgical I Clinical (3.5 quarter units)
Prerequisite: NGS 240 and NGS 240A, Corequisite: NGS 245

Nursing Core Courses
(16 courses; 59 quarter units)

NGS 330** Medical-Surgical Nursing II
Prerequisite: “C” or better in NGS 245 and “S” in NGS 245A

NGS 330A** Medical-Surgical II Clinical (3.5 quarter units)
Prerequisite: “C” or better in NGS 245 and “S” in NGS 245A

NGS 333** Child-bearing Family Nursing
Prerequisite: “C” or better in NGS 245 and “S” in NGS 245A, Corequisite: NGS 333A

NGS 333A** Child-bearing Family Clinical (3.5 quarter units)

BACHELOR OF SCIENCE IN NURSING (B.S.N.) SECOND-BACHELOR DEGREE (California)
Academic Program Director: Hope Fanquharson; (727) 512-3947; hfanquharson@nu.edu

This program is for individuals with prior earned bachelor’s degree (i.e., B.A., B.S.) who wish to be prepared for licensure as a registered nurse while simultaneously earning a Bachelor of Science in Nursing degree.

Program Learning Outcomes
Upon successful completion of this program, students will be able to:

- Develop caring, therapeutic nursing relationships with individuals, families and groups.
- Provide safe, high quality, culturally competent, patient-centered nursing care for individuals across the life span in a variety of settings.
- Participate in the continuous improvement of nursing care quality and safety.
- Use nursing judgment to manage, prioritize, and delegate patient care in a variety of health care settings.
- Effectively communicate and collaborate with patients and the interdisciplinary team.
- Demonstrate professional identity by incorporating established standards of practice within the legal and ethical framework of nursing.
- Apply best, current evidence into nursing practice to achieve desired outcomes.

Degree Requirements
To receive a Bachelor of Science in Nursing (BSN), students must complete at least 180 quarter units as articulated below, 45 of which must be completed in residence at National University, 76.5 of which must be completed at the upper-division level, and the University General Education requirements. In the absence of transfer credit, additional general electives may be necessary to satisfy total units for the degree. The following courses are specific degree requirements. Students should
refer to the section on undergraduate admission procedures for specific information on admission and evaluation.

**Preparation for the Major**
(19 courses; 70.5 quarter units)

- **COM 103** Public Speaking
- **BST 322** Intro to Biomedical Statistics
- **PSY 100** Introduction to Psychology
- **SOC 100** Principles of Sociology
  - Prerequisite: ENG 100 and ENG 101
- **BIO 201** Human Anatomy & Physiol I
  - Recommended: Prior completion of: BIO 100, BIO 100A, CHE 101 and CHE 101A or equivalent courses.
- **BIO 201A** Human Anatomy & Physiol Lab I (1.5 quarter units)
  - Prerequisite: BIO 201
- **BIO 202** Human Anatomy & Physiol II
  - Recommended: Prior completion of: BIO 201, BIO 201A, BIO 100, BIO 100A, CHE 101 and CHE 101A or equivalent courses
- **BIO 202A** Human Anatomy & Physiol Lab II (1.5 quarter units)
  - Prerequisite: BIO 202
- **BIO 203** Introductory Microbiology
  - Recommended: Prior completion of: BIO 201, BIO 201A, BIO 202, BIO 202A, BIO 100, BIO 100A, CHE 101 and CHE 101A or equivalent courses
- **BIO 203A** Introductory Microbiology Lab (1.5 quarter units)
  - Prerequisite: BIO 203
- **NSG 403** Nursing Theories and Models
- **NSG 212** Health Assessment (3 quarter units)
  - Prerequisite: Admission to nursing program and completion of required general education preparation with a minimum GPA 2.75, Corequisite: NSG 212A
- **NSG 212A** Health Assessment Clinical (2 quarter units)
  - Corequisite: NSG 212
- **NSG 304** Pharmacology in Nursing
- **NSG 422** Nursing Research
  - Prerequisite: BST 322
- **NSG 240** Foundations of Nursing
  - Prerequisite: “C” or better in NSG 212 and “S” in NSG 212A, Corequisite: NSG 240A
- **NSG 240A** Foundations Clinical Lab (3.5 quarter units)
  - Prerequisite: “C” or better in NSG212 and “S” in NSG 212A, Corequisite: NSG 240A
- **NSG 245** Medical-Surgical Nursing I
  - Prerequisite: NSG 240 and NSG 240A, Corequisite: NSG 245A
- **NSG 245A** Medical-Surgical I Clinical (3.5 quarter units)
  - Prerequisite: NSG 240 and NSG 240A, Corequisite: NSG 245
  **Content required for licensure by CA Board of Registered Nursing

**Nursing Core Courses**
(16 courses; 59 quarter units)

- **NSG 330** Medical-Surgical Nursing II
  - Prerequisite: “C” or better in NSG 245 and “S” in NSG 245A
- **NSG 330A** Medical-Surgical II Clinical (3.5 quarter units)
  - Prerequisite: “C” or better in NSG 245 and “S” in NSG 245A
- **NSG 333** Child-bearing Family Nursing
  - Prerequisite: “C” or better in NSG 245 and “S” in NSG 245A, Corequisite: NSG 333A
- **NSG 333A** Child-bearing Family Clinical (3.5 quarter units)
  - Prerequisite: “C” or better in NSG 245 and “S” in NSG 245A, Corequisite: NSG 333
- **NSG 334** Pediatric Nursing
  - Prerequisite: NSG 333 and NSG 333A, Corequisite: NSG 334A
- **NSG 334A** Pediatric Nursing Clinical (3.5 quarter units)
  - Prerequisite: NSG 333 and NSG 333A, Corequisite: NSG 334
- **NSG 335** Psychosocial Nursing
  - Prerequisite: “C” or better in NSG 330, “S” in NSG 330A and completion previous nursing courses with a passing grade, Corequisite: NSG 335A
- **NSG 335A** Psychosocial Nursing Clinical (3.5 quarter units)
  - Prerequisite: “C” or better in NSG 330 and “S” in NSG 330A or all previous NSG Courses in the sequence or as approved by the Academic Program Director, Corequisite: NSG 335
- **NSG 305** Pharmacology in Nursing II
  - Prerequisite: NSG 304, NSG 335 with a minimum grade of C and NSG 335A with a minimum grade of C
- **NSG 460** Community Healthcare I
  - Corequisite: NSG 460
- **NSG 460A** Community Healthcare I Lab (1.5 quarter units)
  - Corequisite: NSG 460
- **NSG 462** Community Healthcare II
  - Prerequisite: NSG 460 and NSG 460A, Corequisite: NSG 462A
- **NSG 462A** Community Healthcare II Lab (1.5 quarter units)
  - Prerequisite: NSG 460 and NSG 460A, Corequisite: NSG 462
- **NSG 340** Nursing Leadership/Management
  - Prerequisite: “C” or better in NSG 335 and “S” in NSG 335A
- **NSG 340A** Leadership/Management Clinical (1.5 quarter units)
  - Prerequisite: “C” or better in NSG 335 and “S” in NSG 335A
- **NSG 440** Professional Issues in Nursing
  **Content required for licensure by CA Board of Registered Nursing

**LICENSED VOCATIONAL NURSE TO BACHELOR OF SCIENCE IN NURSING (L.V.N.-TO-B.S.N.) (CALIFORNIA)**
Academic Program Director: Hope Farquharson; (858) 512-3947; hfarquharson@nu.edu

**Departmental Admission Requirements**
To be eligible for admission to the LVN-BSN program, candidates must satisfy all of the following criteria:

- Have completed the National University undergraduate admission process.
- Hold a current, active license to practice as a licensed vocational nurse in the state of California.
- Submit the appropriate Nursing program application.
- Attend a Pre-Nursing Program Information Forum.
- Complete all prerequisites courses.
- Take the Test of Essential Academic Skills.
- Complete a proctored written essay.
- Submit the appropriate nursing program application.

**Program Learning Outcomes**
Upon successful completion of this program, students will be able to:

- Develop caring, therapeutic nursing relationships with individuals, families and groups.
- Provide safe, high quality, culturally competent, patient-centered nursing care for individuals across the life span in a variety of settings.
- Participate in the continuous improvement of nursing care quality and safety.
- Use nursing judgment to manage, prioritize, and delegate patient care in a variety of health care settings.
- Effectively communicate and collaborate with patients and the interdisciplinary team.
- Demonstrate professional identity by incorporating established standards of practice within the legal and ethical framework of nursing.
- Apply best, current evidence into nursing practice to achieve desired outcomes.
Degree Requirements

To receive a Bachelor of Science in Nursing (BSN), students must complete at least 180 quarter units as articulated below, 45 of which must be completed in residence at National University, 76.5 of which must be completed at the upper division level, and the University General Education requirements. In the absence of transfer credit, additional general electives may be necessary to satisfy total units for the degree.

The following courses are specific degree requirements. Students should refer to the section on undergraduate admission procedures for specific information on admission and evaluation. The following courses are specific degree requirements. In the absence of transfer credit, students may take additional general electives to satisfy the total units required for the degree. Students exiting after completing the courses required for licensure by the California Board of Registered Nursing (as designated below) without completing at least 180 quarter units (at National University or through credit transfer) will not be granted the BSN degree. All students receiving an undergraduate degree in Nevada are required by State Law to complete a course in Nevada Constitution.

Required General Education Preparation

(18 courses; 69 quarter units)

The following areas of General Education must be completed prior to beginning any preparation for the Major or Nursing Major core coursework: Area A1, A2, B, C, D, E, and F.

AREA A: ENGLISH COMMUNICATION

CATEGORY 1 - Writing
(2 courses; 6 quarter units)

ENG 100 Effective College English I (3 quarter units)
ENG 101 Effective College English II (3 quarter units)
Prerequisite: ENG 100

CATEGORY 2 - Speech and Communication
(1 course; 4.5 quarter units)

COM 103 Public Speaking

AREA B: MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING
(1 course; 4.5 quarter units)

BST 322 Intro to Biomedical Statistics

AREA C: INFORMATION LITERACY AND TECHNOLOGY
(1 course; 4.5 quarter units)

ILR 260 Information Literacy
Prerequisite: ENG 100 and ENG 101

AREA D: ARTS, HUMANITIES AND LANGUAGES
(4 courses; 18 quarter units)

SPN 340A Spanish for the Work Place
SPN 341 Cross-Cultural Communication

For the remaining 9 units (2 courses), see the General Education section of the catalog for applicable courses.

AREA E: SOCIAL AND BEHAVIORAL SCIENCES
(2 courses; 9 quarter units)

PSY 100 Introduction to Psychology
SOC 100 Principles of Sociology
Prerequisite: ENG 100 and ENG 101

AREA F: PHYSICAL AND BIOLOGICAL SCIENCES
(6 courses; 18 quarter units)

BIO 201 Human Anatomy & Physiol I
Recommended: Prior completion of: BIO 100, BIO 100A, CHE 101 and CHE 101A or equivalent courses.

BIO 201A Human Anatomy & Physiol Lab I (1.5 quarter units)
Prerequisite: BIO 201

BIO 202 Human Anatomy & Physiol II
Recommended: Prior completion of: BIO 201, BIO 201A, BIO 100, BIO 100A, CHE 101 and CHE 101A or equivalent courses

BIO 202A Human Anatomy & Physiol Lab II (1.5 quarter units)
Prerequisite: BIO 202

BIO 203 Introductory Microbiology
Recommended: Prior completion of: BIO 201, BIO 201A, BIO 202, BIO 202A, BIO 100, BIO 100A, CHE 101 and CHE 101A or equivalent courses

BIO 203A Introductory Microbiology Lab (1.5 quarter units)
Prerequisite: BIO 203

AREA A-G: GENERAL EDUCATION

(1 course; 4.5 quarter units)

SOC 500 Cultural Pluralism in the USA
Prerequisite: ENG 100 and ENG 101

or

HUB 500 Cross-Cultural Dynamics
Prerequisite: ENG 100, ENG 101 and PSY 100

Nursing Core Courses

(18 courses; 66 quarter units)

NSG 212 Health Assessment (3 quarter units)
Prerequisite: Admission to nursing program and completion of required general education preparation with a minimum GPA 2.75, Corequisite: NSG 212A

NSG 212A Health Assessment Clinical (2 quarter units)
Corequisite: NSG 212

NSG 304 Pharmacology in Nursing

NSG 305 Pharmacology in Nursing II
Prerequisite: NSG 304, NSG 335 with a minimum grade of C and NSG 335A with a minimum grade of C

NSG 310** Professional Nursing Values

NSG 330** Medical-Surgical Nursing II
Prerequisite: “C” or better in NSG 245 and “S” in NSG 245A

NSG 330A** Medical-Surgical II Clinical (3.5 quarter units)
Prerequisite: “C” or better in NSG 245 and “S” in NSG 245A

NSG 335** Psychosocial Nursing
Prerequisite: “C” or better in NSG 330, “S” in NSG 330A and completion previous nursing courses with a passing grade, Corequisite: NSG 335A

NSG 335A** Psychosocial Nursing Clinical (3.5 quarter units)
Prerequisite: “C” or better in NSG 330 and “S” in NSG 330A or all previous NSG Courses in the sequence or as approved by the Academic Program Director, Corequisite: NSG 335

NSG 340** Nursing Leadership/Management
Prerequisite: “C” or better in NSG 335 and “S” in NSG 335A

NSG 340A** Leadership/Management Clinical (1.5 quarter units)
Prerequisite: “C” or better in NSG 335 and “S” in NSG 335A

NSG 403 Nursing Theories and Models

NSG 422 Nursing Research
Prerequisite: BST 322

NSG 440 Professional Issues in Nursing

NSG 460 Community Healthcare I
Corequisite: NSG 460A

NSG 460A Community Healthcare I Lab (1.5 quarter units)
Corequisite: NSG 460

NSG 462 Community Healthcare II
Prerequisite: NSG 460 and NSG 460A, Corequisite: NSG 462A
**GRADUATE DEGREES**

**MASTER OF SCIENCE IN NURSING**

*Academic Program Director: Tina Ho; (714) 429-5137; tho@nu.edu*

The Master of Science in Nursing (MSN) degree program is for baccalaureate prepared nurses. In keeping with the standards for graduate education for advanced practice nursing delineated by the American Association of Colleges of Nursing in the Essentials of Master’s Education for Advanced Practice Nurses, the purpose of the MSN program is to prepare students to assume leadership roles in their particular specialization. Masters level nursing education is the appropriate level of education for nursing professionals who are seeking roles that require advanced practice skills in order to function as providers and organizers of the health care delivery process.

This program is accredited by the Commission on Collegiate Nursing Education (CCNE).

**Admission Requirements**

To be eligible for admission to the MSN program at National University, candidates must:

1. Meet the University requirements for graduate study, listed in the General Catalog under Academic Information for Graduate Degrees.
2. Hold a BSN degree meeting these criteria 1) State Board of Nursing approved, 2) Nationally accredited School of Nursing, 3) Regionally accredited University.
3. Provide proof of current, active, and unencumbered RN license in the State of residence
4. Have a cumulative GPA of at least 3.0 on a 4.0 scale. Applicants with a GPA of 2.5-2.99 will be considered by the MSN Admissions Committee on a case by case basis.
5. Have completed the University Application for Graduate Admissions, including the application fee.
6. Provide one official transcript from each college or university attended to the Registrar’s office.
7. Have completed the MSN application packet.
8. Provide three professional recommendation forms, preferably from individuals who hold graduate or doctoral degrees.
9. Provide evidence of current, active professional liability and malpractice insurance coverage throughout the program.
10. Provide a completed Course Waiver Form demonstrating completion of pre-requisites:

   1. MTH 210 or an undergraduate course in statistics
   2. NSG 422 or an undergraduate course in nursing research methodology and application
   NSG 212 & NSG 212A or undergraduate course in physical assessment with a lab component within the past 5 years as of date of nursing application or a department approved competency-based exam (applicable for FNP & PMHNP specializations only) must be completed prior to beginning the practicum coursework.
   11. Provide evidence of specified immunizations, a report of a recent physical examination, a clear drug screen and background check, and current BLS-AED certification.
   12. Mandatory Pre-MSN & Post Graduate Certificate Forum: View the Pre-MSN & Post Graduate Certificate Program Information Forum, which will describe the process for applying to and acceptance into the Nursing Program. The specifics described are: number of Nursing courses, sequence of courses, requirements for progression in the Program. Note: Prospective Students must have viewed a Pre-MSN & Post Graduate Certificate Forum before submitting the application packet.

**Additional Prerequisite Requirements**

Students should be proficient in operating a personal computer, including: demonstrated competency in standard computer operating systems and electronic filing systems, basic keyboarding skills, organizing and sorting electronic documents; demonstrated knowledge of standard computer applications to include Microsoft Word and Excel; familiarity with using internet browsers and standard email systems such as MS Outlook.

This is a hybrid program that includes both online, onsite and clinical preceptored learning activities. It is offered at an accelerated pace of full-time study, using online synchronous meetings in an executive weekend format once per month (e.g. Thursday - Saturday). All accepted applicants must attend all orientation activities, including virtual online meetings and a one-day mandatory campus orientation. Students in the FNP and PMHNP specializations are required to attend once every three months onsite Objective Structured Clinical Examination (OSCE). In addition, FNP and PMHNP practicum courses are offered as immersion practicum experiences, conducted in faculty approved, in-person, preceptored clinical settings.

**Additional Program Information**

Students who request a change in specialization after they have been admitted to a prior specialization must re-submit an application packet including a new goal statement, and one recommendation form completed addressing the new specialization area. A new resume is not required. All prerequisites must be met prior to admissions into the new specialization. The new application will be re-submitted via the Graduate Nursing Application E-form in SOAR by the admissions advisor.

- Students who withdraw from the program or withdraw their application prior to beginning the program will not need to re-apply if the point of initial application occurred within one year of re-application. Students requesting to be re-admitted after one year of initial application for admissions will need to resubmit a new application packet including all required items needed for the application packet and drug screening, background check, immunizations and physical examination. Re-application to the program does not guarantee acceptance or provide an advantage to being accepted.

**Program Learning Outcomes**

Upon successful completion of this program, students will be able to:

- Implement appropriate theories, models, frameworks, and concepts from nursing and non-nursing disciplines when designing interventions that influence healthcare outcomes for diverse populations in a variety of settings.
- Collaborate with interdisciplinary teams, to evaluate fiscally appropriate healthcare delivery systems that integrate research and clinical expertise to provide evidence-based, patient-centered care.
- Evaluate economic, policy, environmental, and social forces that impact the nursing practice, health care delivery and quality of health care.
- Participate in the analysis, implementation and evaluation of strategies for improving nursing practice through the implementation of health information systems and technologies.
- Demonstrate a professional commitment to creating an environment of lifelong learning for patients, families, communities, and other healthcare practitioners.

**Degree Requirements**

The Master of Science in Nursing requires 49.5-91.5 quarter units of graduate credit, with 45 of those units completed at National University. A total of 4.5-13.5 units of graduate credit may be granted for graduate work completed at another institution as it applies to this program and provided the units were not used to earn another advanced degree. Refer to the General Catalog section on graduate admission requirements for specific information regarding admission and evaluation. Students must maintain a cumulative GPA of 3.0 and must maintain a B average (84%) in all core and specialty courses.
FNP and PMHNP Area of Specializations carry additional program fees
Program Fees..........................................................................................................................$11,325
NA and NI Area of Specializations carry additional program fees
Program Fees..........................................................................................................................$475

Prerequisite Courses
(2 courses; 9 quarter units)
- MTH 210  Probability and Statistics
  Prerequisite: Accuplacer test placement evaluation or MTH 12A and MTH 12B
- NSG 422  Nursing Research
  Prerequisite: BST 322

Core Requirements
(6 courses; 27 quarter units)
Students must take all core courses in sequence.
- NSG 600  Advanced Practice Nursing
- NSG 620  Theory in Advanced Practice
- NSG 623  Biomedical Statistics
- NSG 606  Health Policy & Finance
- NSG 622  QI & Project Management
- NSG 607  EBP for Advanced NSG Practice

Students must pass all core courses before beginning specialization courses.
Choose one of the following Specializations
(5 courses; 22.5 quarter units OR 12 courses; 55.5 quarter units)

Specialization in Family Nurse Practitioner
Academic Program Director: Tina Ho; (714) 429-5137; tho@nu.edu
The Family Nurse Practitioner (FNP) specialization will prepare advanced practice nurses to manage the care of individuals and families across the lifespan. The FNP Program is designed for nurses who hold a Baccalaureate Degree in Nursing (BSN) who wish to advance their knowledge, education, and skills to practice in an Advanced Practice role as a FNP. Graduates are eligible to sit for the FNP national certification examinations offered by the American Nurses Credentialing Center (ANCC) or the American Academy of Nurse Practitioners (AANP). The Program emphasis is to foster the FNP’s abilities to critically think; make differential diagnoses; use evidence-based findings to improve healthcare outcomes; and be accountable for the provision of healthcare to diverse individuals and families in the areas of health promotion, disease prevention, management of acute and chronic health conditions, primary care conditions in a variety of clinics and community-based settings. The FNP provides clinical management of primary care conditions in a variety of clinics and community-based settings.

Admission Requirements
Students applying for the FNP area of specialization must have:
- One (1) year of acute care RN experience.
- Provide a completed Course Waiver Form demonstrating completion of pre-requisites:
  - NSG 212 & NSG 212A or undergraduate course in physical assessment with a lab component within the past 5 years as of date of nursing application or a department approved competency-based exam (applicable for FNP & PMHNP specializations only) must be completed prior to beginning the practicum coursework.

Program Learning Outcomes
Upon successful completion of this program, students will be able to:
- Synthesize theoretical and empirical knowledge derived from the physical and behavioral sciences and humanities as a basis for professional advanced clinical nursing practice.
- Devise evidence-based health promotion and disease prevention strategies at the patient, family, organizational, community, and population levels for the purpose of improving healthcare outcomes.
- Utilize current technologies to deliver, enhance, and document care across multiple settings to achieve optimal outcomes.
- Advocate for culturally sensitive health care systems and policies that meet ethical and legal standards as a means to improve outcomes and reduce disparity.
- Model collaboration with interdisciplinary and intradisciplinary teams in healthcare systems delivering care to complex, multi-need patients, families, and communities.
- Analyze the impact of national and global health policy on the cost, quality, and access to care in diverse patient populations.

Degree Requirements
Students must complete all core courses before beginning the FNP specialty courses. Students must maintain a cumulative GPA of 3.0, and must maintain a B average (84%) in all core and specialty courses. Students must obtain 645 hours at an approved practicum site with a designated approved preceptor during the practicum courses.

NOTE: Program Fees..........................................................................................................................$11,325

Required Preparation for Specialization
(2 courses; 5 quarter units)
These two (2) courses must have been completed within five (5) years, or successfully pass a department approved competency-based exam.
- NSG 212  Health Assessment (3 quarter units)
  Prerequisite: Admission to nursing program and completion of required general education preparation with a minimum GPA 2.73, Corequisite: NSG 212A
- NSG 212A  Health Assessment Clinical (2 quarter units)
  Corequisite: NSG 212

Specialization Requirements
(12 courses; 55.5 quarter units)
Students must pass all MSN Core Courses before beginning any specialization courses.
- NSG 681  Advanced Physical Assessment (6 quarter units)
- NSG 682  Advanced Pathophysiology
- NSG 641  Advanced Pharmacology I
- FNP 642  Advanced Pharmacology II
- FNP 683A  Primary Care of Adult and Aged
  Corequisite: FNP 683B
- FNP 683B  Care of Adult & Aged Practicum
  Corequisite: FNP 683A
- NSG 680  Diversity Issues in APN
- FNP 684A  Primary Care-Women & Children
  Corequisite: FNP 684B
- FNP 684B  Women and Children Practicum
  Corequisite: FNP 684A
- FNP 685A  FNP Residency
  Corequisite: FNP 685B
- FNP 685B  FNP Residency Practicum
  Corequisite: FNP 685A
- FNP 689  FNP Capstone

Specialization in Nursing Administration
Academic Program Director: Barbara F. Piper; (858) 309-3469; bpiper@nu.edu
The Master of Science in Nursing, Specialization in Nursing Administration prepares nurse managers who will provide leadership and management services to clinical care organizations. Successful decision-making strategies, evidence-based practice, team building and collaboration, fiscal management, quality improvement, and creating a learning culture that supports high quality and safe patient care are
The Specialty courses offered in the MSN Program of Study in Nursing Informatics include:

- Effective technology capabilities for nurses identified through the Technology services in the United States. The goal is to equip RNs for leadership roles in achieving improvement in the quality, safety, outcomes and thus value of health instances that lead the successful deployment of health information technologies to organizations. Potential students include nurses who participate and in some role in the implementation of health information technology in health care delivery.

Program Learning Outcomes
Upon successful completion of this program, students will be able to:

- Effectively communicate with members of the multidisciplinary healthcare team in the design and management of healthcare delivery systems.
- Employ best evidence and judgment to make sound and ethical decisions that advance the quality and safety of healthcare and care delivery systems.
- Create and implement a plan for day-to-day operations for a clinical facility in order to maintain accreditation, meet organizational goals, achieve quality and safety outcomes, and carry out the mission of the facility.
- Provide effective, caring, culturally sensitive and fiscally responsible leadership to other members of the healthcare team in order to facilitate excellence in patient care services to diverse patient populations.
- Apply principles of leadership and management to foster an organizational culture that engenders lifelong learning, quality, safety, and competence in a clinical care organization.

Degree Requirements
Student must maintain a cumulative GPA of 3.0, and must maintain a B average (84%) in all core and specialty courses. Students participating in the Nursing Administration specialization must complete 200 hours of a preceptored practicum experience within their specialty capstone course.

NOTE: Program Fees.........................................................................................$475

Specialization Requirements
(5 courses; 22.5 quarter units)

Students must pass all MSN Core Courses before beginning any specialization courses.

- HCA 600 U.S. Healthcare System
- HCA 620 Health Organization Management
  Prerequisite: COH 602
- HCA 624 Healthcare Planning & Marketing
  Prerequisite: COH 611
- HCA 670 Healthcare Leadership
  Prerequisite: HCA 624
- HCA 692 Healthcare Capstone
  Prerequisite: HCA 691 or permission by instructor.

Please Note: COH and HCA prerequisites are NOT required for students in the Specialization in Nursing Administration.

Specialization in Nursing Informatics
Academic Program Director: Barbara F. Piper; (858) 309-3469; bpiper@nu.edu

The Specialization in Nursing Informatics is designed for nurses who seek advanced education in informatics theory and practice. Nurses play an important leadership role in the implementation of health information technology in health care delivery organizations. Potential students include nurses who participate and in some instances lead the successful deployment of health information technologies to achieve improvement in the quality, safety, outcomes and thus value of health services in the United States. The goal is to equip RNs for leadership roles in informatics that includes the information and knowledge management best practices and effective technology capabilities for nurses identified through the Technology Informatics Guiding Education Reform Initiative (http://www.himss.org/tiger).

The Specialty courses offered in the MSN Program of Study in Nursing Informatics are designed using the Interprofessional Education (IPE) Model to develop IPE Competencies. Graduates are being prepared to take one of the following Health Information Management Systems Society’s (HIMSS) competency-based certification examinations depending on their length of experience in the field:
- Graduates also are being prepared to take the American Nurses Credentialing Center (ANCC) competency-based certification examination in nursing informatics (RN-BC) http://www.nursecredentialing.org/Informatics-Eligibility.aspx.

Program Learning Outcomes
Upon successful completion of this program, students will be able to:

- Collaborate with interprofessional teams to conduct a needs assessment, plan, design, transition to and evaluate information systems and innovative technologies.
- Employ evidenced-based practice resources and references to support the adoption and use of healthcare technologies at the point of care.
- Evaluate ongoing quality and process improvement for patient-centered care systems that optimize clinical workflow, care coordination, and patient outcomes.
- Appraise the healthcare technology environment to ensure compliance with ethical, legal and regulatory mandates and professional standards for advanced practice.

Degree Requirements
The Master of Science in Nursing, Specialization in Nursing Informatics requires a minimum of 49.5 graduate quarter units, with 45 of those completed at National University. A total of 9 units of graduate credit may be granted for graduate work completed at another institution as it applies to this program and provided the units were not used to earn another advanced degree. Refer to the General Catalog section on graduate admission requirements for specific information regarding admission and evaluation. Student must maintain a cumulative GPA of 3.0, and must maintain a B average (84%) in all core and specialty courses. Students participating in the Nursing Informatics specialization must complete 200 hours of a preceptored practicum experience within their specialty capstone course.

NOTE: Program Fees.........................................................................................$475

Specialization Requirements
(5 courses; 22.5 quarter units)

Students must pass all MSN Core Courses before beginning any specialization courses.

- HTM 552 EHR Meaningful Use
- HTM 660 System Management and Planning
- HTM 520 Health Information Exchange
- HTM 680 Health Informatics Case Study
  Prerequisite: HTM 520, HTM 552 and HTM 660
- HTM 692 Health Informatics Capstone
  Prerequisite: HTM 680

Specialization in Psychiatric-Mental Health Nurse Practitioner - Lifespan
Academic Program Director: Jovita Ezirim; (310) 662-2181; jezirim@nu.edu

The Psychiatric-Mental Health Nurse Practitioner-Lifespan (PMHNP) is a registered nurse prepared at the master’s degree level who specializes in primary mental health care for individuals, groups and populations across the lifespan. The PMHNP Program is designed for nurses who hold a Bachelor of Science in Nursing (BSN) who wish to advance their knowledge, education, and skills to practice in an advanced practice role as a PMHNP. This advanced practice nurse maintains a critical role in the health care team and ensures collaboration and the provision of safe, effective, coordinated care. As an independent member of the health care team, and in partnership with patients, the PMHNP provides a variety of evidence-based services and therapies. The PMHNP assesses, makes diagnoses and plans care for complex psychiatric and concomitant medical issues, including the prescription and management of psychopharmacologic agents. The PMHNP advocates for patients and their families within a recovery and trauma-informed paradigm. The PMHNP
ensures that patients and their families are engaged and actively participate in their behavioral health (mental health and substance use) care as they respond to the illness experience. The PMHNP continuously enhances their care through quality improvement and safety efforts and influences policy at the local, regional and national levels. The PMHNP melds the art and science of professional nursing and skillfully manages the acute and enduring issues posed by people with behavioral health issues across the lifespan. Graduates of this PMHNP Program are eligible to sit for the American Nurses Credentialing Center (ANCC) Psychiatric-Mental Health Nurse Practitioner - Lifespan (formerly known as Family Psychiatric-Mental Health Nurse Practitioner) competency-based examination.

Admission Requirements
Students applying for the PMHNP area of specialization must have:

- One year of RN experience.
- Provide a completed Course Waiver Form demonstrating completion of pre-requisites:
  NSG 212 & NSG 212A or undergraduate course in physical assessment with a lab component within the past 5 years as of date of nursing application or a department approved competency-based exam (applicable for FNP & PMHNP specializations only) must be completed prior to beginning the practicum coursework.

Program Learning Outcomes
Upon successful completion of this program, students will be able to:

- Synthesize theoretical and empirical knowledge derived from the physical and behavioral sciences and humanities as a basis for professional advanced clinical nursing practice.
- Devise evidence-based health promotion and disease prevention strategies at the patient, family, organizational, community, and population levels for the purpose of improving health care outcomes.
- Utilize current technologies to deliver, enhance, and document care across multiple settings to achieve optimal outcomes.
- Apply organizational and systems leadership to current healthcare issues for the promotion of quality, effective and safe patient care, including the emphasis on ethical and critical decision making, effective working relationships, and a systems-perspective approach.
- Model collaboration and coordination with interprofessional teams in health care systems delivering care to complex, multi-need patients, families and communities.
- Synthesize broad organizational, client-centered, and culturally appropriate concepts in the planning, delivery, management, and evaluation of evidence-based clinical prevention and population behavioral health care and services to individuals, families, and identified populations.

Degree Requirements
Students must complete all core courses before beginning the PMHNP specialty courses. Students must maintain a cumulative GPA of 3.0, and must maintain a B average (84%) in all core and specialty courses. Students must obtain 555 hours at an approved practicum site with a designated approved preceptor during the practicum courses.

NOTE: Program Fees:..................................................................................................................$11,325

Required Preparation for Specialization
(2 courses; 5 quarter units)
These two (2) courses must have been completed within five (5) years, or successfully pass a department approved competency-based exam.

NSG 212  Health Assessment (3 quarter units)
Prerequisite: Admission to nursing program and completion of required general education preparation with a minimum GPA 2.75, Corequisite: NSG 212A

NSG 212A  Health Assessment Clinical (2 quarter units)
Corequisite: NSG 212

Specialization Requirements
(12 courses; 55.5 quarter units)
Students must pass all MSN core courses before beginning any specialization courses.

NSG 681  Advanced Physical Assessment (6 quarter units)
NSG 682  Advanced Pathophysiology
NSG 641  Advanced Pharmacology I
MNP 643  Psychopharmacology in MH Care
MNP 694  MH Care: Adults/Aging Adults
MNP 696A  Adults/Aging Adults Practicum
Corequisite: MNP 694
MNP 687  MH Care: Children/Adolescents
NSG 680  Diversity Issues in APN
MNP 696B  Children/Adoles Practicum
Corequisite: MNP 687
MNP 688A  Introduction to Psychotherapy
Corequisite: MNP 688B
MNP 688B  Intro Psychotherapy Practicum
Corequisite: MNP 688A
MNP 697  PMHNP Capstone

UNDERGRADUATE CERTIFICATES

LVN “30 UNIT” OPTION CERTIFICATE
Academic Program Director: Hope Farquharson; (858) 512-3947; hfarquharson@nu.edu
Licensed Vocational Nurses (LVNs) who desire to complete the minimum number of units required to take the licensure examination may apply for this option. LVNs who select the “30-Unit Option” method to satisfy the requirements for licensure as a Registered Nurse should consult the Chair of the Department of Nursing for an individual program consultation to discuss the advantages and disadvantages of this option.

Departmental Admission Requirements
To be eligible for admission to the “30 Unit” Option certificate, candidates must satisfy all of the following criteria:

- Have completed the National University undergraduate admission process.
- Hold a current, active license to practice as a licensed vocational nurse.
- Have successfully completed the required preparation courses.
- Submit the appropriate nursing program application.
- For advising purposes only, complete the ACCUPLACER math test.

After completing the interview process, successful candidates will be enrolled in classes as spaces become available.

Program Learning Outcomes
Upon successful completion of this program, students will be able to:

- Develop a critical stance on professional issues related to nursing practice, education, and knowledge development by analyzing the historical and contemporary environments in nursing.
- Use computer technologies to augment productivity and to gain access to multiple informational resource services.

Requirements for the Certificate
To receive the “30 Unit” Option certificate, students must complete the 38.5 quarter units as outlined below. The following courses are specific certificate requirements.
Required Preparation
(4 courses; 12 quarter units)

BIO 202  Human Anatomy & Physiol II
Prerequisite: Prior completion of BIO 201, BIO 201A, BIO 100, BIO 100A, CHE 101 and CHE 101A or equivalent courses

BIO 202A  Human Anatomy & Physiol Lab II (1.5 quarter units)
Prerequisite: BIO 202

BIO 203  Introductory Microbiology
Recommended: Prior completion of: BIO 201, BIO 201A, BIO 202, BIO 202A, BIO 100, BIO 100A, CHE 101 and CHE 101A or equivalent courses

BIO 203A  Introductory Microbiology Lab (1.5 quarter units)
Prerequisite: BIO 203

Nursing Core Courses
(7 courses; 26.5 quarter units)

NSG 310**  Professional Nursing Values
Prerequisite: “C” or better in NSG 245 and “S” in NSG 245A

NSG 330**  Medical-Surgical Nursing II
Prerequisite: “C” or better in NSG 245 and “S” in NSG 245A

NSG 330A**  Medical-Surgical II Clinical (3.5 quarter units)
Prerequisite: “C” or better in NSG 245 and “S” in NSG 245A

NSG 335**  Psychosocial Nursing
Prerequisite: “C” or better in NSG 330, “S” in NSG 330A and completion previous nursing courses with a passing grade, Corequisite: NSG 355A

NSG 335A**  Psychosocial Nursing Clinical (3.5 quarter units)
Prerequisite: “C” or better in NSG 330 and “S” in NSG 330A or all previous NSG Courses in the sequence or as approved by the Academic Program Director, Corequisite: NSG 335

NSG 340 **  Nursing Leadership/Management
Prerequisite: “C” or better in NSG 335 and “S” in NSG 335A

NSG 340A **  Leadership/Management Clinical (1.5 quarter units)
Prerequisite: “C” or better in NSG 335 and “S” in NSG 335A

** Content required for licensure by CA Board of Registered Nursing

GRADUATE CERTIFICATES

POST-GRADUATE FAMILY NURSE PRACTITIONER CERTIFICATE
Academic Program Director: Tina Ho; (714) 429-5137; tho@nu.edu

The Post-Graduate FNP Certificate will prepare advanced practice nurses to manage the care of individuals and families across the lifespan. This program is designed for nurses who hold a Master of Science in Nursing (MSN) or Doctor of Nursing Practice (DNP) or Doctor of Philosophy (PhD), who wish to advance their knowledge, education, and skills to practice in an advanced practice role as a FNP. Graduates are eligible to sit for the FNP national certification examinations offered by the American Nurses Credentialing Center (ANCC) or the American Academy of Nurse Practitioners (AANP). The program emphasis is to foster the FNP’s abilities to critically think; make differential diagnoses; use evidence-based findings to improve healthcare outcomes; and be accountable for the provision of healthcare to diverse individuals and families in the areas of health promotion, disease prevention, management of acute and chronic health conditions and primary care. The FNP provides clinical management of primary care conditions in a variety of clinics and community-based settings.

Additional Pre-requisite Requirements
Students should be proficient in operating a personal computer, including: demonstrated competency in standard computer operating systems and electronic filing systems, basic keyboarding skills, organizing and sorting electronic documents; demonstrated knowledge of standard computer applications to include Microsoft Word and Excel; familiarity with using internet browsers and standard email systems such as MS Outlook.

Additional Information
Students who request a change in specialization after they have been admitted to a prior specialization must re-submit an application packet including a new goal statement, and one recommendation form completed addressing the new specialization area. A new resume is not required. All prerequisites must be met prior to admissions into the new specialization. The new application will be re-submitted via the Graduate Nursing Application E-form in SOAR by the admissions advisor.

Program Learning Outcomes
Upon successful completion of this program, students will be able to:

• Synthesize theoretical and empirical knowledge derived from the physical and behavioral sciences and humanities as a basis for professional advanced clinical nursing practice.
• Devise evidence-based health promotion and disease prevention strategies at...
the patient, family, organizational, community, and population levels for the purpose of improving healthcare outcomes.

- Utilize current technologies to deliver, enhance, and document care across multiple settings to achieve optimal outcomes.
- Advocate for culturally sensitive health care systems and policies that meet ethical and legal standards as a means to improve outcomes and reduce disparity.
- Model collaboration with interdisciplinary and intradisciplinary teams in healthcare systems delivering care to complex, multi-need patients, families, and communities.
- Analyze the impact of national and global health policy on the cost, quality, and access to care in diverse patient populations.

Degree Requirements
The Post-Graduate FNP Certificate Program of Study includes 46.5 quarter units. Refer to the General Catalog section on graduate admission requirements for specific information regarding admission and evaluation.

Students must obtain 645 hours at an approved practicum site with a designated approved preceptor during the practicum courses. Students must maintain a cumulative GPA of 3.0 and must maintain a B average (84%) in all core and specialty courses.

NOTE: Program Fees.................................................................$10,125
Students must take courses in sequence.

Certificate Requirements
(10 courses; 46.5 quarter units)

- NSG 681 Advanced Physical Assessment (6 quarter units)
- NSG 641 Advanced Pharmacology I
- NSG 682 Advanced Pathophysiology
- FNP 642 Advanced Pharmacology II
- FNP 683A Primary Care of Adult and Aged
  Corequisite: FNP 683B
- FNP 683B Care of Adult & Aged Practicum
  Corequisite: FNP 683A
- FNP 684A Primary Care-Women & Children
  Corequisite: FNP 684B
- FNP 684B Women and Children Practicum
  Corequisite: FNP 684A
- FNP 685A FNP Residency
  Corequisite: FNP 685B
- FNP 685B FNP Residency Practicum
  Corequisite: FNP 685A

Experienced, practicing Advanced Practice Registered Nurses (APRN) can waive NSG 641, NSG 681, and NSG 682. All others can waive NSG 641 and NSG 681 if taken less than five (5) years prior to application to the Certificate Program, and NSG 682 if taken less than seven (7) years prior to application to the Certificate Program. Doctoral level courses may be used to waive these courses.

POST-GRADUATE PSYCHIATRIC MENTAL-HEALTH NURSE PRACTITIONER CERTIFICATE
Academic Program Director: Jovita Ezirim; (310) 662-2181; jezirim@nu.edu

The Post-Graduate PMHNP Certificate program will prepare advanced practice nurses to provide primary mental health care for individuals, groups and populations across the lifespan. This Certificate Program is designed for nurses who hold a Master of Science in Nursing (MSN) or Doctor of Nurse Practicing (DNP) or Doctor of Philosophy in Nursing (PhD) who wish to advance their knowledge, education, and skills to practice in an advanced practice role as a PMHNP. This advanced practice nurse maintains a critical role in the health care team and ensures collaboration and the provision of safe, effective, coordinated care. As an independent member of the health care team, and in partnership with patients, the PMHNP provides a variety of evidence-based services and therapies. The PMHNP assesses, makes diagnoses and plans care for complex psychiatric and concomitant medical issues, including the prescription and management of psychopharmacologic agents. The PMHNP advocates for patients and their families within a recovery and trauma-informed paradigm. The PMHNP ensures that patients and their families are engaged and actively participate in their behavioral health (mental health and substance use) care as they respond to the illness experience. The PMHNP continuously enhances their care through quality improvement and safety efforts and influences policy at the local, regional and national levels. The PMHNP melds the art and science of professional nursing and skillfully manages the acute and enduring issues posed by people with behavioral health issues across the lifespan. Graduates of this Post-Graduate PMHNP Certificate Program are eligible to sit for the American Nurses Credentialing Center (ANCC) Psychiatric-Mental Health Nurse Practitioner - Lifespan (formerly known as Family Psychiatric-Mental Health Nurse Practitioner) competency-based examination.

*This certificate program is a non-degree, graduate-level program. Upon completion of the program, participants receive a PMHNP Certificate of Completion.

This program is approved by the Commission on Collegiate Nursing Education (CCNE).

Admission Requirements
To be eligible for admission to the Post-Graduate FNP Certificate program at National University, candidates must:

- Meet the University requirements for graduate study, listed in the General Catalog under admission requirements.
- Hold a Master’s or doctoral degree in nursing from a State Board of Nursing approved and/or nationally accredited nursing program.
- Provide proof of current, active, and unencumbered RN license in the State of residence.
- Have a GPA of at least 3.0 in graduate course work, on a 4.0 scale.
- Have 1-year recent clinical practice as a professional nurse.
- Have completed the University Application for Graduate Admissions, including the application fee.
- Have completed the Post-Graduate Certificate application packet.
- Provide one official transcript from each college or university attended to the Department of Nursing.
- Provide evidence of current, active professional liability and malpractice insurance coverage throughout the program.
- Have three professional recommendation forms, preferably from individuals who hold graduate or doctoral degrees.
- Provide evidence of specified immunizations, a report of a recent physical clearance, a clear drug screen and background check, and current BLS-AED certification.
- Mandatory Pre-MSN & Post Graduate Certificate Forum: View the Pre-MSN & Post Graduate Certificate Program Information Forum which will describe the process for applying to and acceptance into the Nursing Program. The specifics described are: number of Nursing courses, sequence of courses, requirements for progression in the Program. Note: Prospective Students must have viewed the Pre-MSN & Post Graduate Certificate Forum before submitting the application packet.

Additional Pre-requisite Requirements
Students should be proficient in operating a personal computer, including: demonstrated competency in standard computer operating systems and electronic filing systems, basic keyboarding skills, organizing and sorting electronic documents; demonstrated knowledge of standard computer applications to include Microsoft Word and Excel; familiarity with using internet browsers and standard email systems such as MS Outlook.

This is a hybrid program that includes both online, onsite and clinical preceptored learning activities. It is offered at an accelerated pace of full-time study using an executive weekend format once per month (e.g. Thursday - Saturday). All accepted students should be proficient in operating a personal computer, including: demonstrated competency in standard computer operating systems and electronic filing systems, basic keyboarding skills, organizing and sorting electronic documents; demonstrated knowledge of standard computer applications to include Microsoft Word and Excel; familiarity with using internet browsers and standard email systems such as MS Outlook.
applicants must attend all orientation activities, including virtual online meetings and a one-day mandatory campus orientation. Students in the FNP and PMHNP specializations are required to attend once every three months onsite Objective Structured Clinical Examination (OSCE). In addition, FNP and PMHNP practicum courses are offered as immersion practicum experiences, conducted in faculty approved, in-person, preceptored clinical settings.

Additional Information
Students who request a change in specialization after they have been admitted to a prior specialization must re-submit an application packet including a new goal statement, and one recommendation form completed addressing the new specialization area. A new resume is not required. All prerequisites must be met prior to admissions into the new specialization. The new application will be re-submitted via the Graduate Nursing Application E-form in SOAR by the admissions advisor.

Students who withdraw from the program or withdraw their application prior to beginning the program will not need to re-apply if the point of initial application occurred within one year of re-application. Students requesting to be re-admitted after one year of initial application for admissions will need to resubmit a new application packet including all required items needed for the application packet and drug screening, background check, immunizations and physical examination. Re-application to the program does not guarantee acceptance or provide an advantage to being accepted.

Program Learning Outcomes
Upon successful completion of this program, students will be able to:

- Synthesize theoretical and empirical knowledge derived from the physical and behavioral sciences and humanities as a basis for professional advanced clinical nursing practice.
- Devise evidence-based health promotion and disease prevention strategies at the patient, family, organizational, community, and population levels for the purpose of improving health care outcomes.
- Utilize current technologies to deliver, enhance, and document care across multiple settings to achieve optimal outcomes.
- Apply organizational and systems leadership to current healthcare issues for the promotion of quality, effective and safe patient care, including the emphasis on ethical and critical decision making, effective working relationships, and a systems-perspective approach.
- Model collaboration and coordination with interprofessional teams in health care systems delivering care to complex, multi-need patients, families and communities.
- Synthesize broad organizational, client-centered, and culturally appropriate concepts in the planning, delivery, management, and evaluation of evidence-based clinical prevention and population behavioral health care and services to individuals, families, and identified populations.

Degree Requirements
The Post-Graduate PMHNP Certificate Program of Study includes 46.5 quarter units. Refer to the General Catalog section on graduate admission requirements for specific information regarding admission and evaluation.

Students must obtain 555 hours at an approved practicum site with a designated approved preceptor during the practicum courses. Students must maintain a cumulative GPA of 3.0 and must maintain a B average (84%) in all core and specialty courses.

NOTE: Program Fees .................................................. $10,125

Certificate Requirements
(10 courses; 46.5 quarter units)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>NSG 681</td>
<td>Advanced Physical Assessment (6 quarter units)</td>
</tr>
<tr>
<td>NSG 641</td>
<td>Advanced Pharmacology I</td>
</tr>
<tr>
<td>NSG 682</td>
<td>Advanced Pathophysiology</td>
</tr>
<tr>
<td>MNP 643</td>
<td>Psychopharmacology in MH Care</td>
</tr>
<tr>
<td>MNP 694</td>
<td>MH Care: Adults/Aging Adults</td>
</tr>
<tr>
<td>MNP 696A</td>
<td>Adults/Aging Adults Practicum</td>
</tr>
<tr>
<td>MNP 687</td>
<td>MH Care: Children/Adolescents</td>
</tr>
<tr>
<td>MNP 696B</td>
<td>Children/Adolescents Practicum</td>
</tr>
<tr>
<td>MNP 688A</td>
<td>Introduction to Psychotherapy</td>
</tr>
<tr>
<td>MNP 688B</td>
<td>Intro Psychotherapy Practicum</td>
</tr>
</tbody>
</table>

Experienced, practicing Advanced Practice Registered Nurses (APRN) can waive NSG 641, NSG 681, and NSG 682. All others can waive NSG 641 and NSG 681 if taken less than five (5) years prior to application to the Certificate Program, and NSG 682 if taken less than seven (7) years prior to application to the Certificate Program. Doctoral level courses may be used to waive these courses.

COURSE DESCRIPTIONS
FNP – Family Nurse Practitioner
FNP 642 Advanced Pharmacology II
Second course of a two-course series. Within each class of therapeutic drugs, the course examines clinical application, drug actions, interactions, reactions, and contraindications. The course will also include principles of prescribing and patient compliance.

NSG – Nursing
NSG 212 Health Assessment (3 quarter units)
Prerequisite: Admission to nursing program and completion of required general education preparation with a minimum GPA 2.75,
Corequisite: NSG 212A
This course covers holistic health assessment as the basis for nursing intervention and practice, interviewing skills, health history, physical examination, cultural variations and lab and diagnostic procedures. Concurrent enrollment in NSG 212A is required. This course is 30 contact hours.

NSG 212A Health Assessment Lab (2 quarter units)
Corequisite: NSG 212
This course covers practical application of holistic health assessment as the basis for nursing intervention and practice, interviewing skills, health history, physical examination, cultural variations and lab and diagnostic procedures. Concurrent enrollment in NSG 212 is required. Grading is by S, U, or I. This course is 60 contact hours.

NSG 240 Foundations of Nursing
Prerequisite: NSG 212 and NSG 212A
Corequisite: NSG 240A
Using the nursing process, this course focuses on meeting basic human needs through planning and implementing nursing. This course covers beginning knowledge and skills required for nursing care of patients with commonly occurring health problems. Basic concepts of therapeutic communication are discussed. Concurrent enrollment in NSG 240A is required.

NSG 240A Foundations Clinical Lab (3.5 quarter units)
Prerequisite: “C” or better in NSG212 and “S” in NSG 212A
Corequisite: NSG 240
Using nursing language, students devise basic plans of care for patients. Practical application of beginning knowledge and skills required for nursing care of patients is demonstrated in both Lab and clinical settings through simulation and patient interaction. Concurrent enrollment in NSG 240 is required. Grading is by S, U, or I.

NSG 245 Medical-Surgical Nursing I
Prerequisite: NSG 240 and NSG 240A
Corequisite: NSG 245A
The course focuses on concepts relating to care of the adult in the acute care setting with commonly occurring medical-surgical problems. Emphasis of this course is on the use of the nursing process and in developing competence in providing and coordinating nursing care. Concurrent enrollment in NSG 245A is required.

NSG 245A Medical-Surgical I Clinical (3.5 quarter units)
Prerequisite: NSG 240 and NSG 240A
Corequisite: NSG 245
Practical application of knowledge and skills required for nursing care of adult patients with commonly occurring medical-surgical problems is demonstrated in both Lab and clinical settings. Using the language of nursing, students will devise and implement care plans and teaching plans. Concurrent enrollment in NSG 245 is required unless approved by the Department Chair. Grading is by S, U, or I.

NSG 305 Pharmacology in Nursing II
Prerequisite: NSG 304, NSG 335 with a minimum grade of C and NSG 335A with a minimum grade of C.
This course continues the introduction of nursing pharmacology. Nursing implications related to pharmacodynamics and pharmacokinetics for the safe use of drug therapy for adult patients are discussed. The content focuses on principles of pharmacology and aspects of the drug classifications applied primarily to acute illnesses. Prototype drugs for each classification will be used to illustrate drug actions, side effects, contraindications and precautions. The etiology, pathogenesis, clinical presentation, and pharmacological disease management will also be discussed.

NSG 330 Medical-Surgical Nursing II
Prerequisite: “C” or better in NSG 245 and “S” in NSG 245A
This course focuses on concepts relating to care of the adult in the acute care setting with medical-surgical problems. In addition, urgent and critical nursing care responses to symptomatology are addressed. Emphasis is on refining use of the nursing process to provide nursing care for individuals with specific health care needs/problems. Concurrent enrollment in NSG 330A is required unless approved by the Department Chair.

NSG 330A Medical-Surgical II Clinical (3.5 quarter units)
Prerequisite: “C” or better in NSG 245 and “S” in NSG 245A
Practical application of knowledge and skills required for nursing care of adult patients with commonly occurring acute/critical medical-surgical problems is demonstrated in both Lab and clinical settings. Concurrent enrollment in NSG 320 is required unless approved by the Department Chair. Grading is by S, U, or I.

NSG 333 Child-bearing Family Nursing
Prerequisite: “C” or better in NSG 245 and “S” in NSG 245A
Corequisite: NSG 333A
This course focuses on the health care needs of parents and newborns during the childbearing experience. Introducing the concept of the family as a unit, emphasis is placed on the variations in health care due to behavioral, life cycle, physiological, cultural, and environmental factors. Concurrent enrollment in NSG 333A is required.

NSG 333A Child-bearing Family Clinical (3.5 quarter units)
Prerequisite: “C” or better in NSG 245 and “S” in NSG 245A
Corequisite: NSG 333
This course covers practical application of knowledge and skills required for nursing care of families in the childbearing period. Using the language of nursing, students will care for the family as a unit, considering behavioral, life cycle, physiological, cultural and environmental factors. Concurrent enrollment in NSG 333 is required unless approved by the Department Chair. Grading is by S, U, or I.

NSG 334 Pediatric Nursing
Prerequisite: NSG 333 and NSG 333A
Corequisite: NSG 334A
Continuing examination of the family as a unit, this course focuses on the health care needs of families with children. Emphasis is placed on the variations in health care due to behavioral, life cycle, genetic, cultural, and environmental factors. Concurrent enrollment in NSG 334A is required unless approved by the Department Chair. Grading is by S, U, or I.

NSG 334A Pediatric Nursing Clinical (3.5 quarter units)
Prerequisite: NSG 333 and NSG 333A
Corequisite: NSG 334
This course covers practical application of knowledge and skills required in nursing care for families with children. Using the language of nursing, students will care for the family with children as a unit, considering behavioral, life cycle, genetic, cultural and environmental factors. Concurrent enrollment in NSG 334 is required unless approved by the Department Chair. Grading is by S, U, or I.

NSG 335 Psychosocial Nursing
Prerequisite: “C” or better in NSG 330, “S” in NSG 330A, and completion of all previous nursing courses with a passing grade.
Corequisite: NSG 335A
This course demonstrates the relevance of psychosocial nursing concepts to all areas of professional practice. It provides a conceptual integration of the nursing process, theories, and research from the biopsychosocial sciences and humanities to promote mental health and provide care to elderly people and people with mental disorders. Concurrent enrollment in NSG 335A is required.

NSG 335A Psychosocial Nursing Clinical (3.5 quarter units)
Prerequisite: “C” or better in NSG 330, “S” in NSG 330A and all previous NSG Courses in the sequence or as approved by the chair.
Corequisite: NSG 335
Practical application of knowledge and skills required for nursing care of older adult and mentally ill patients with commonly occurring problems is demonstrated in both Lab and clinical settings. Concurrent enrollment in NSG 335 is required. Grading is by S, U, or I.

NSG 340 Nursing Leadership/Management
Prerequisite: “C” or better in NSG 335 and “S” in NSG 335A
The primary purpose of this course is to facilitate the development of a broad view of the management of health care delivery systems and the nurse’s role in that arena. Concurrent enrollment in NSG 340 is required unless approved by the Department Chair.

NSG 340A Leadership/Management Clinical (1.5 quarter units)
Prerequisite: “C” or better in NSG 335 and “S” in NSG 335A
This course covers practical application of skills and knowledge required to coordinate care for multiple patients in a multidisciplinary setting. Concurrent enrollment in NSG 340 is required. Grading is by S, U, or I.

NSG 460 Community Healthcare I
Corequisite: NSG 460A
Examines the role of nursing in community health and creates conditions that promote healthy living. Topics include community health assessment, diagnosis, intervention, and evaluation along with the economic, structural, and systems influences from a national and global perspective. Using epidemiology, students will track the natural history of a disease and identify its frequency, distribution, and cause. Concurrent enrollment in NSG 460A is required unless approved by the Department Chair.

NSG 460A Community Healthcare I Lab (1.5 quarter units)
Corequisite: NSG 460
Theories, principles, and strategies of population-based healthcare are used to design, implement, and evaluate services and plans of care to promote, maintain, and restore health in a defined population. Students focus on population aggregates in structured or unstructured settings across care environments. Strategies to evaluate health outcomes and costs of care are emphasized. Students practice community health assessment, diagnosis, intervention, and evaluation. Concurrent enrollment in NSG 460 is required unless approved by the Department Chair. Grading is by S, U, or I.

NSG 462 Community Healthcare II
Corequisite: NSG 462A
This course focuses on the role of nursing in promoting and protecting the health of populations in accordance with The American Nurses Association Scope and Standards of Public Health Nursing Practice, 2nd Edition, (2015). Explores key issues related to public and global health relevant to professional nursing practice. Design, implement, and evaluate services and plans of care. Students must be enrolled concurrently in NSG 462. Grading is by S, U, or I.
NSG 680 Diversity Issues in APN
Provides a knowledge base for applying, analyzing and evaluating the culturally competent provision of patient-centered care. Diversity in the global healthcare delivery systems is addressed. Allows the graduate nursing students to explore various models and theories which guide the development of culturally competent nursing practice.

Course Terminations

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 600</td>
<td>Contemporary Issues in Biology</td>
</tr>
<tr>
<td>BIO 610</td>
<td>Seminar in Molecular Biology</td>
</tr>
<tr>
<td>BIO 620</td>
<td>Seminar in Cell Biology</td>
</tr>
<tr>
<td>BIO 630</td>
<td>Seminar in Organismal Biology</td>
</tr>
<tr>
<td>BIO 640</td>
<td>Seminar in Ecology</td>
</tr>
<tr>
<td>BIO 650</td>
<td>Seminar in Evolution</td>
</tr>
<tr>
<td>BIO 660</td>
<td>Research Design</td>
</tr>
<tr>
<td>BIO 680</td>
<td>Thesis Formulation</td>
</tr>
<tr>
<td>BIO 691</td>
<td>Thesis Research 1</td>
</tr>
<tr>
<td>BIO 692</td>
<td>Thesis Research 2</td>
</tr>
<tr>
<td>BIO 693</td>
<td>Thesis Research 3</td>
</tr>
<tr>
<td>GMB 601S</td>
<td>Estadísticas para Negocios</td>
</tr>
<tr>
<td>GMB 602S</td>
<td>Administración Estratégica</td>
</tr>
<tr>
<td>GMB 620S</td>
<td>Negocios Electrónicos</td>
</tr>
<tr>
<td>GMB 631S</td>
<td>Mercadotecnia Global</td>
</tr>
<tr>
<td>GMB 672S</td>
<td>Administración del Riesgo Glob</td>
</tr>
<tr>
<td>GMB 673S</td>
<td>Alianzas Estratégicas Globales</td>
</tr>
<tr>
<td>GMB 674S</td>
<td>Estrategias Competitivas Globa</td>
</tr>
<tr>
<td>GMB 682S</td>
<td>Contabilidad Gerencial</td>
</tr>
<tr>
<td>GMB 683S</td>
<td>Administración Financiera Glob</td>
</tr>
<tr>
<td>GMB 689S</td>
<td>Liderazgo y Negociaciones</td>
</tr>
<tr>
<td>GMB 696S</td>
<td>Proyecto MBA</td>
</tr>
<tr>
<td>MGT 612</td>
<td>Global Strategic Project</td>
</tr>
<tr>
<td>MTH 610</td>
<td>Topics in Modern Algebra</td>
</tr>
<tr>
<td>MTH 620</td>
<td>Number Systems</td>
</tr>
<tr>
<td>MTH 630</td>
<td>Fundamentals of Geometry</td>
</tr>
<tr>
<td>MTH 640</td>
<td>Real Analyses</td>
</tr>
<tr>
<td>MTH 650</td>
<td>Topics in Functional Analysis</td>
</tr>
<tr>
<td>MTH 660</td>
<td>Mathematical Statistics</td>
</tr>
<tr>
<td>MTH 670</td>
<td>Mathematics Curriculum</td>
</tr>
<tr>
<td>MTH 681</td>
<td>Research in Math and Math Ed 1</td>
</tr>
<tr>
<td>MTH 682</td>
<td>Research in Math and Math Ed 2</td>
</tr>
<tr>
<td>MTH 683</td>
<td>Research in Math and Math Ed 3</td>
</tr>
<tr>
<td>PED 504</td>
<td>School Psychology Orientation</td>
</tr>
<tr>
<td>PED 652</td>
<td>Child Psychopharmacology</td>
</tr>
<tr>
<td>PED 666</td>
<td>Human Neuropsychology</td>
</tr>
<tr>
<td>PED 670</td>
<td>Advanced Social Psychology</td>
</tr>
<tr>
<td>PED 675</td>
<td>Alternative Assessment</td>
</tr>
<tr>
<td>PED 683</td>
<td>Program Evaluation</td>
</tr>
<tr>
<td>PED 687</td>
<td>School Psych Internship I</td>
</tr>
<tr>
<td>PED 688</td>
<td>School Psych Internship II</td>
</tr>
<tr>
<td>PED 694</td>
<td>Thesis</td>
</tr>
</tbody>
</table>