

NATIONAL AMERICAN UNIVERSITY



CATALOG ADDENDUM
2005-2006
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*Quality higher education in a caring
and supporting environment.*

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The following replaces the Health Care Management Admission Requirements section on page 14:

Health Care Management Error! Bookmark not defined.

Admission Requirements

Students with a two-year health care related associate degree:

- Must have one year of full-time work experience in a health care related field.
- Must have at least two additional years of any full-time work experience.

Students with a non-health care related associate degree:

- Must have two years of full-time work experience in a health care related field.
- Must have at least one additional year of any full-time work experience.

Students without an associate degree who have a one-year diploma, or one-year of accredited college credit (30 semester hours/45 quarter hours), or equivalent transcribed military credits would be allowed entrance into the program based on a course-by-course evaluation.

- Must have two years of full-time work experience in a health care related field.
- Must have at least two additional years of any full-time work experience.

All students must have a "C" or above in EN1150 or EN1300 prior to beginning healthcare management courses. Students must be approved for the Health Care Management program by the program chair or his/her designee before enrolling in any healthcare management courses.

The following replaces the Nursing Program Admissions Requirements sections on pages 14-15:

Nursing Programs

Admission Requirements - Associate Degree in Nursing Program

Students are accepted into the program for the summer and winter quarters only. Admission into National American University **does not** guarantee admission into the nursing program. Admission into the nursing program is competitive. Completion of the prerequisites does not ensure acceptance.

The following criteria are required for the student to be considered for acceptance into the Associate Degree of Nursing Program.

1. Completion of prerequisites with a minimum of a "C" in each course and an overall GPA of 2.5.
2. Completion of TEAS test with a minimum score of 60%.
3. As recommended by the National Council of State Boards of Nursing, the American Association of Colleges of Nurses, and the Missouri State Board of Nursing, students admitted to nursing programs are expected to meet certain functional abilities in order to be successful in a nursing education program as well as in professional nursing. Students who apply for admission to the nursing program should meet the following performance standards, with reasonable accommodation.
 - a. Ability to see, hear and touch, smell and distinguish colors (the ability to auscultate sounds, hear emergency signals, visualize and read monitors, and assess health needs).
 - b. Oral and writing ability with accuracy, clarity, and efficiency (the ability to document clinical findings and nursing care; communicate patient education).
 - c. Manual dexterity, gross and fine movements (should be able to perform such functions as to move around the workplace to provide care; able to exert 20 to 50 pounds of force occasionally, and/or greater than negligible up to 10 pounds of force constantly to move objects; physical demand requirements are in excess of those for light work; administer CPR; provide safe and effective nursing care).
 - d. Ability to learn, think critically, analyze, assess, solve problems, utilize judgment skills (the ability to interpret subjective and objective changes in client status and respond appropriately).
 - e. Emotional stability (should have emotional stability; ability to accept responsibility and accountability; interpersonal skills sufficient to interact with individuals, families, and groups).
 - f. Stamina (should have health and physical stamina sufficient to carry out continued work assignments in 8 to 12 hour periods of time).

Candidates for selection to the Associate Degree of Nursing program who state they could meet the functional abilities with accommodation must notify the director of nursing of this during the application process. The director of the nursing program with the academic dean will evaluate the student and confirm that the stated condition qualifies as a disability under applicable laws. If a student states he/she can meet the functional abilities with accommodations, the University will determine whether it agrees that the student can meet the functional abilities with reasonable accommodations; this

includes a review of whether the accommodations requested are reasonable, taking into account whether accommodations would jeopardize clinical/patient safety, or the educational process of the student or institution, including all coursework, clinical experiences and labs deemed essential to graduation.

4. Completion of the Associate Degree in Nursing program does not guarantee the student's eligibility to take the licensing exam. Students are responsible for reviewing the Nurse Practice Act for eligibility requirements in the state in which they anticipate taking the exam. In Missouri, refer to section 335.066 of the Missouri Nursing Practice Act (<http://www.ecodev.state.mo.us/pr/nursing>).
5. Completion of the Nursing Application Form. This form is available from the nursing office and is distributed after the student has completed the TEAS Test with the appropriate score. Completed application must be submitted to the nursing office no later than March 1st for consideration of acceptance for the summer quarter or September 1st for consideration of acceptance for the winter quarter.
6. Two references are required. Reference forms are attached to application form. One reference is to be completed by an employer and one reference is to be completed by an instructor. References must be received by the nursing office by the March 1st or September 1st deadlines.
7. An interview with the faculty/director will be conducted after the application forms have been received and all prior listed requirements are met.
8. Preference for admission into the Nursing major will be given to students taking ALL prerequisites at National American University.

The above criteria will be used to select the students with the highest probability of successfully completing the program and meeting the professional standards of nursing. Availability of resources will be considered.

Students not accepted after initial application may reapply following the same process the next time applications are accepted.

The following apply to all students accepted into the program:

1. Students must complete a health/physical form with annual TB test and immunizations, as required prior to the start of the program and maintained throughout the program. Student must have proof of current health insurance.
2. Valid CPR certification (Health Professional American Heart Association) must be current and maintained throughout program.
3. Clinical sites may require drug screening. A criminal background check is required in order to participate in various activities in the nursing program. Please see the director of nursing for further information. Any noncompliance with these mandates may result in termination from the program. Any fees associated with these mandates will be the responsibility of the student.
4. A grade of "C" in all nursing courses with an overall GPA of 2.5 must be maintained for continuation in the program.
5. Nursing courses must be taken in sequence.

Admission Requirements - RN to BSN Completion Program

Students must have the following:

1. Graduate of an Associate Degree in Nursing or a Diploma in Nursing
2. Current RN license
3. Minimum GPA of 2.5

The following replaces the International Students Admissions section on page 16:

International Students

National American University encourages diversity within its student body, and international students from many countries study at National American University campuses in the United States.

Admissions

International student applicants that wish to study in the National American University undergraduate program at a campus in the United States must satisfy the following criteria for admission:

1. Complete and submit an International Student Application for Admission. See <http://www.national.edu/International%20Students/is-undergrad.html>.
 2. Pay a one-time, non-refundable application fee of US\$45 at the time of application. *The fee requirement may be waived for students from higher education institutions with which National American University has an affiliation agreement.*
 3. All applicants for admission must provide evidence of secondary and/or post-secondary education completion through one of the following requirements:
 - a. Provide an official academic transcript or marks sheets from previous secondary education institutions attended. Diplomas or certificates of government examinations must show the subjects passed and grades/marks received. All records should be submitted in the original language, and credentials written in languages other than English must be accompanied by a certified English translation. Translations should be literal and not interpretive. A key to the marking system or grading scale should also be included if it is not indicated on the transcript.
 - b. Provide an official transcript that indicates completion of a post-secondary program of at least two years in length with a minimum cumulative grade point average of 2.0/4.0 or the equivalent from (i) an international higher education institution that is approved by the country's national ministry of education or appropriate approval body (ii) an accredited U.S. higher education institution. Transcripts should show marks and credits earned for all post-secondary work. All records should be submitted in the native language, and credentials written in languages other than English must be accompanied by a certified English translation. Translations should be literal and not interpretive. A key to the marking system or grading scale should also be included if it is not indicated on the transcript.
 - c. Provide an original General Educational Development (GED) examination report demonstrating passing marks for the overall examination.
 4. All applicants who are not native speakers of English must demonstrate proficiency in English through satisfaction of one of the following requirements:
 - a. Provide an official Test of English as a Foreign Language (TOEFL) score report indicating a minimum score of 500 for a paper-based, 173 for a computer-based or 61 for an Internet-based exam. The TOEFL must have been taken within the past two calendar years. Official test scores must be sent from the testing agency to National American University. When ordering TOEFL test results, include the university's school code of 6464.
 - b. Provide an official International English Language Testing System (IELTS) score report with an overall minimum score of 5.5. The IELTS must have been taken within the past two calendar years. Official test scores must be sent from the testing agency to National American University.
 - c. Provide evidence of completion of two semesters (or equivalent) of college-level English (excluding ESL courses) with a grade of C or higher at an accredited college or university whose language of instruction is English.
 - d. Provide evidence of English language proficiency as deemed appropriate by National American University.
 - e. **Rapid City campus only:** Students who do not meet the minimum score requirements on the TOEFL or IELTS may be offered conditional admissions. Students admitted with an English as a Second Language condition are required to take an internal placement exam and may be required to take ESL classes before beginning degree program coursework.
 5. Complete and submit the International Financial Certification form and attach an original bank statement. International students are required, as part of the application process, to show evidence of sufficient funding during their studies. The amount and source of funds are also shown on the Certificate of Eligibility (I-20) needed to apply for an F-1 visa. In addition, students planning to bring a spouse and/or children are required to show additional funds for those individuals.
- Students requesting the Certificate of Eligibility (Form I-20) to apply for an F-1 (student) visa to enter the U.S. to attend National American University must fulfill all listed international admissions requirements. Upon acceptance by and approval from the university, Form I-20 will be issued to eligible students.
- Transfer students will be additionally required to submit official transcripts from previously attended colleges and universities as well as information concerning proof of current status with the United States Citizenship and Immigration Services (USCIS) for the issuance of Form I-20.
- Additional documentation in support of an applicant's candidacy may be requested as deemed necessary by National American University. The university reserves the right to reject documentation and to request verification of documents as necessary. Admissions documentation will be considered the property of the university and will not be returned to the applicant (some exceptions may apply). National American University reserves the right to reject any and all student applicants.

The following replaces the Nursing RN to BSN Program section on pages 88-90:

Nursing

Bachelor of Science Degree - RN to BSN Degree Completion Program

Today's dynamic and diverse health care environment requires professional nurses who can champion health promotion and disease prevention, function effectively in ambiguous, unpredictable and complex environments, demonstrate critical thinking and flexibility, and execute a variety of roles throughout a lifetime career. The National American University RN to BSN program provides necessary knowledge for registered nurses to transition to effective professional nursing practice in a rapidly changing environment.

The National American University RN to BSN program is designed for working RNs with an associate degree or diploma certificate, building on the student's past education and experience. This program offers a flexible and practical way for RNs to expand their knowledge and prepare for leadership positions in a variety of health care settings. It also provides the skills and credentials necessary to pursue graduate education.

All university admission requirements must be met, and:

1. Students must be graduates of an Associate Degree in Nursing or a Diploma in Nursing program.
2. Students must have a 2.5 overall GPA.
3. Students must have a valid RN license.

Educational Goals for the Bachelor of Science degree in Nursing

The program will:

1. Develop the student's cultural competence in practicing nursing within a diverse society.
2. Provide an overview of health care accounting, reimbursement, legal statutes, and information technology skills needed for managerial nursing positions.
3. Develop the student's critical thinking skills to improve professional nursing practice and health care outcomes.
4. Expose the student to nursing and health care philosophy and theories necessary for collaborative and interdisciplinary leadership.
5. Provide students with an understanding of the professional nursing role in the health care team.

Nursing Bachelor of Science Degree 187 Credits

Offered at Independence^ and Zona Rosa^

^ Some or all of the Required Support Core and Nursing Major Core courses may be offered only through NAU's distance learning program, rather than at the student's home campus.

Required Support Courses	Prerequisites	Credit Hrs.
CS2080 Career Management		3
HC4050 Health Services Law for Mgrs.	~	4
MA3000 Business Statistics	MA2050	<u>5</u>
		12
Nursing Major Core		
(All 48 credits must be with NAU)		
NS3025* Concepts and Challenges in Pro. Nursing	EN1150	2
NS3050* Pathophysiology in Practice	EN1150	4
NS3210* Issues in Transcultural Nursing	EN1150	4
NS3225* Nursing and Health Care Delivery Models	EN1150	4
NS3250* Ethics & Issues in Contemporary Nursing	EN1150	4
NS3300* Research in Nursing	MA3050/EN1150	3
NS3350* Community as Client	EN1150	4
NS3375* Caring for the Vulnerable Populations	NS3350	4
NS4010* Nursing Finance	EN1150	4
NS4100 Leadership & Management in Nursing **	EN1150	4
NS4150* Information Technology in Nursing and Health Care	CI1150	4
NS4200* Evidence Based Nursing Practice	NS3300/EN1150	3
NS4350* Quality Management In Nursing and Health Care	EN1150	<u>4</u>
		48

NURSING OR OPEN ELECTIVES (57)

General Education Core

NOT AVAILABLE FOR BLOCK TRANSFER

COMMUNICATIONS			
EN1150	Composition		4
EN1200	Organizational Communications	EN1150	4
EN1300	Advanced Composition	EN1150	4
EN2150 or EN2100	Interpersonal Prof. Communications or Speech	EN1150	<u>4</u>
			16

SCIENCE			
SC1200*	Principles of Nutrition		4
SC1230*	Human Anatomy & Physiology I	Instructor approval	4
SC1290*	Human Anatomy Lab	SC1230	1
SC1310*	Human Anatomy & Physiology II	SC1230	4
SC1350*	General Chemistry and Biochemistry		3
SC1360*	General Chemistry Lab		1
SC1420*	Microbiology	SC1350	4
SC1430*	Microbiology Lab	SC1350	<u>1</u>
			22

MATHEMATICS			
MA2050	College Algebra	MA1200<	<u>4</u>
			4

HUMANITIES			
	Humanities Electives		<u>8</u>
			8

BEHAVIORAL/SOCIAL SCIENCE			
SC1050	Introduction to Sociology		4
	Behavioral/Social Science Elective		<u>4</u>
			8

GENERAL EDUCATION			
PS1500	Strategies for Success		4
	General Education Electives		<u>4</u>
			8

COMPUTER LITERACY			
	Intro. to CIS or CI Elective		<u>4</u>
			4

* Professional course (minimum "C" grade required)

** CAPSTONE COURSE--Senior Level, minimum "C" grade required.

< Or placement recommendation

~ LA3100 or ME2250 and EN1150 or EN1300

Graduation Requirements: A minimum 2.5 GPA is required overall and in the Nursing Major Core. See "Graduation Requirements" section of catalog for additional requirements.

The following is an addition to the Academic Programs section:

Pharmacy Technician

Associate of Applied Science Program

The growing use of prescription medications has created a need for formally trained pharmacy technicians. National American University's Associate of Applied Science (AAS) program provides the knowledge and skills necessary to perform the duties and responsibilities required of pharmacy technicians. These duties include assisting pharmacists in providing medication and healthcare products to patients, record keeping, and inventory management in a professional medical environment. Pharmacy technicians are also responsible for communicating with pharmacists and patients to ensure that quality care is being provided.

The AAS program at National American University is offered in a manner that accommodates traditional students and working adults. The program is designed to benefit individuals new to pharmacy and current pharmacy technicians interested in enhancing their skills and formalizing their training.

Educational Goals for the AAS degree for Pharmacy Technicians

The program will:

1. provide the student practical experience in the daily activities of a pharmacy technician.
2. provide the student the skills to collaborate successfully with the pharmacist to meet the various needs of patients and health care members.
3. provide the student the operational knowledge to successfully coordinate billing, purchasing, and inventory management in the pharmacy.
4. focus on the laws, regulations, and professional standards that govern the responsibilities of the pharmacy technician.
5. develop the student's ability to prepare and package pharmaceutical products.
6. encourage proactive behavior in improving patient care.
7. provide the student the management skills needed for success in a professional environment.
8. develop the student's interpersonal communication skills to ensure successful patient interactions.
9. encourage active participation in pharmacy organizations and staying current with changes in pharmacy practice.
10. encourage the students to display a caring attitude towards patients.
11. provide students with knowledge of the use and side effects of prescription and nonprescription medications used to treat common diseases.
12. develop the student's appreciation for quality.

PHARMACY TECHNICIAN Associate of Applied Science Degree

Offered at Brooklyn Center, Mall of America, and Roseville

PHARMACY TECHNICIAN SUPPORT COURSES (20)

		Prerequisite	Hrs.
CS2080	Career Management		3
ME1150*	Medical Terminology		4
ME1240*	First Aid & Safety#		1
ME2510*	Pathophysiology of Disease I	EN1150/SC1310	4
ME2520*	Pathophysiology of Disease II	ME2510	4
PS3300*	Customer Service Relations		<u>4</u>
			20

PHARMACY TECHNICIAN MAJOR CORE (33)

RX1000*	Introduction to Pharmacy #		2
RX1100*	Pharmacy Calculations #		2
RX1210*	Drug Therapeutics I #	RX1000/SC1290	4
RX1220*	Drug Therapeutics II #	RX1210	4
RX2110*	Pharmacy Operations #	RX1000	4
RX2210*	Pharmaceutical Patient Care #	RX1100/ EN2100 or EN2150	4
RX2310*	Prep. of Pharm. Products Lab #	RX1100	2
RX2410*	Prep. for the Pharmacy Profession #	RX2210	3
RX3110	Infusion Externship#	PC Approval	4
RX3120	Community or Outpatient Externship#	PC Approval	<u>4</u>
			33

COMPUTER INFORMATION SYSTEMS CORE (8)

CI1150	Introduction to CIS		4
CI1500	Word Processing for Windows	~/CI1150	<u>4</u>
			8

NOT AVAILABLE FOR BLOCK TRANSFER

COMMUNICATIONS (12)

EN1150	Composition		4
EN1200 or EN1300	Org. Communications or Advanced Composition	EN1150	4
EN2100 or EN2150	Speech or Interpersonal Prof. Comm.	EN1150	<u>4</u>
			12

SCIENCE (9)

SC1230*	Human Anatomy & Physiology I	ME1150	4
SC1290*	Human Anatomy & Phys. Lab #	SC1230	1
SC1310*	Human Anatomy & Physiology II	SC1230	<u>4</u>
			9

MATHEMATICS (4)

MA	Algebra Elective^		<u>4</u>
			4

HUMANITIES (4)

HU	Humanities Elective		<u>4</u>
			4

GENERAL EDUCATION (4)

PS1500	Strategies for Success		<u>4</u>
			4

~ Keyboard familiarity

* Professional course (minimum "C" grade required)

Students attending any Minnesota campus must take this course at the Roseville campus

^ Students attending any Minnesota campus must take MA2050 College Algebra

(The university reserves the right to correct clerical errors.)

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Pharmacy Technician Major Core. See "Graduation Requirements" section of this catalog for additional graduation requirements.

The following replaces the NURSING-NS section on pages 122-123:

Course Descriptions

Guide to Course Descriptions

AC	Accounting
AH	Animal Health
AS	Animal Science
AT	Athletic Training
CI	Information Technology
CS	College Studies
EC	Economics
EB	Electronic Commerce
EM	Equine Management
EN	English
ES	English Studies
FL	Foreign Language
FN	Finance
HC	Health Care
HI	History
HU	Humanities
LA	Law
MA	Mathematics
ME	Medical
MG	Marketing
MS	Military Science
MT	Management
NS	Nursing
OF	Office
OL	Organizational Leadership
PE	Physical Education
PL	Paralegal
PS	Psychology
SC	Science
SO	Sociology
TH	Therapeutic Massage

Guide to Campus Locations

ALL LOCATIONS

AL	Albuquerque
BC	Brooklyn Center
BL	Bloomington
CS	Colorado Springs
DN	Denver
EL	Ellsworth
KC	Kansas City
OP	Overland Park
RC	Rapid City
RR	Rio Rancho
RS	Roseville
SF	Sioux Falls
ZR	Zona Rosa

NURSING - NS

NS1000 - Introduction to Nursing - 3 credits

This course is designed to facilitate role understanding and socialization into professional nursing. Beginning with a brief historical overview of nursing, nursing is defined and the philosophical and practice standards of the profession are discussed. The student explores nursing image and power bases in relationship to professional accountabilities and roles. The values and attitudes are emphasized and integrated with the use of nursing process in professional, reflective decision-making. A review of educational paths in nursing leads the student into a comprehensive survey of the multiple roles, responsibilities, and requisite skills of the nurse of today and the future. An introduction to cultural competence is presented. 3 hrs lecture/week.
Campuses: ZR

NS2010 - Foundations of Nursing Practice - 10 credits

This course provides the basic theoretical framework for nursing including the concepts of client needs, roles of the nurse, the nursing process and nursing diagnosis. Emphasis is placed on the basic skills necessary to implement the nursing process to meet client needs. Comprehensive coverage on the fundamental nursing concepts, skills and techniques of nursing practice and a firm foundation for Health Assessment will be provided. Providing care to individuals along the wellness-illness continuum will be stressed. Basics of pharmacology will be presented. The clinical component of the course will focus on: assessment of the healthy adult and application of fundamental principles in a caring for adults encountering acute alterations in health. Concurrent clinical experience is offered in skill labs, inpatient units of acute hospitals, long-term care facilities, and community settings. 5 hrs. lecture, 15 hrs. clinical/wk.
Campuses: ZR

NS2020 - Common Physiologic and Psychosocial Client Needs - 9 credits

This course focuses on the role of the nurse and the implementation of the nursing process in meeting the needs of clients experiencing commonly occurring physiologic and psychosocial alterations. Emphasis is placed on nursing interventions related to pharmacotherapeutics, and the care of the patient experiencing acute and chronic conditions of stress, disequilibrium, cellular injury, aberrant cell growth and inflammation. Importance of culture and its impact on the nursing care plan will be reviewed. Legal and ethical issues specific to adults and geriatrics will be discussed. Concurrent clinical experiences are offered in long-term care, acute care and community settings. 4 hrs. lecture, 15 hrs. clinical/week.
Prerequisite: NS2010
Campuses: ZR

NS2030 - Mental Health Needs of Clients and Families - 8 credits

This course focuses on the role of the nurse in meeting the needs of the patient and family experiencing deficits in relation to mental health. Emphasis is placed on the importance of establishing and maintaining therapeutic nurse/client relationships based on the use of communication skills and the problem-solving process. Psychopharmacologic therapy will be discussed. Ethics and legalities specific to caring for the mental health needs of clients and families will be presented. Concurrent clinical experience is offered in inpatient and community psychiatric/mental health settings. 4 hrs. lecture, 12 hrs clinical/week.
Prerequisite: NS2010/NS2020
Campuses: ZR

NS2035 - Maternal/Child Nursing - 9 credits

This course focuses on the role of the nurse in meeting the needs of the mother and infant throughout the maternity cycle. Emphasis is placed on providing family-centered care. An overview of pediatric nursing will be presented with emphasis on well child and care of the hospitalized child. Pharmacology specific to pediatrics and maternity will be presented. Nursing process, nursing diagnosis, legalities and ethics will be further developed during this course. Concurrent clinical experiences will be offered in acute hospital settings and community settings. 4 hrs lecture, 15 hrs clinical/week.
Prerequisite: NS2010/NS2020
Campuses: ZR

NS3000 - Complex Physiologic Nursing & Lab - 9 credits

This course focuses on the nursing process as applied to the role of the nurse in meeting the needs of clients experiencing complex physiologic deficits. Emphasis is placed on assisting the client to attain optimal physical and psychosocial health with respect given to cultural beliefs and practices. Critical thinking and handling of crisis situations will be demonstrated. Ethics and legalities of caring for the critically ill patient will be presented. Clinical experiences will be provided in acute care hospital settings. 4 hrs lecture, 15 hrs clinical/week.

Prerequisite: NS2020

Campuses: ZR

NS3010 - Transition to the Professional Nursing Role - 9 credits

This course is the final nursing course. Emphasis is placed on providing direct nursing care for groups of clients, continuity of care, clinical judgment, appropriate delegation of tasks and collaboration with the multidisciplinary team. The role of the nurse as educator is explored. Leadership skills are identified. Awareness of the community needs and influence are discussed. The role of ethics and research is further defined. Clinical experiences will be provided in the acute care setting, long term care setting, and community setting. 4 hrs lecture, 15 hrs clinical/week.

Prerequisite: NS2010/NS2020/NS3000

Campuses: ZR

NS3025 – Concepts and Challenges in Professional Nursing – 2 credits

This course is designed to facilitate role understanding and socializations into professional nursing. This course introduces concepts to be explored in further depth in the program including social context for nursing, nursing roles in the health care delivery system, nurses and political action, and nursing's future challenges.

Prerequisite: EN1150

Campuses: IN, ZR

NS3050- Pathophysiology in Practice- 4 credits

This course will focus on the mechanisms and clinical manifestations of high volume and high-risk diseases common across the variety of nurse practice settings. The course includes pathophysiology of emerging diseases and updated treatment recommendations.

Campuses: IN, ZR

NS3210 – Issues in Transcultural Nursing – 4 credits

This course is designed to assist professional registered nurses to explore and analyze cultural beliefs, attitudes, and values of themselves, clients, and other members of the community. Students will describe the health care practices of various populations. They will learn transcultural communication principles and techniques that will assist them in development of a nursing care plan that meets the holistic needs of the client and family.

Prerequisite: EN1150

Campuses: IN, ZR

NS3225 – Nursing and Health Care Delivery Models – 4 credits

This course explores philosophies and theories of nursing, health care, and related fields as a foundation to the practice of professional nursing. The concepts of person, health, and environment will be integrated with the four functions of theory (description, explanation, prediction, and control) to develop students' ability to work in diverse care environments.

Prerequisite: EN1150

Campuses: IN, ZR

NS3250 – Ethics and Issues in Contemporary Nursing - 4 credits

This course explores the theories, models, and principles that serve as guides for ethically sound behavior within a nursing context. The course addresses the complexities created by science and technological advances, the variety of setting where nurses practice, and emphasizes the importance of principled behavior in personal and professional situations.

Prerequisite: EN1150

Campuses: IN, ZR

NS3300 - Research in Nursing - 3 credits

This course is designed to facilitate the student's understanding and appreciation for the significance of nursing research as the basis for nursing practice. The influence of quantitative and qualitative research as well as evidence-based practice in nursing will be discussed.

Prerequisite: MA3050/EN1150

Campuses: IN, ZR

NS3350 - Community as Client - 4 credits

This course introduces the student to the concept of community as client by examining community health issues and the role of nursing in providing care to populations. Emphasis is on community assessment, health education, program planning and evaluation. Additional concepts include environmental and biological hazards, mass casualty response, and unified incident command.

Prerequisite: EN1150

Campuses: IN, ZR

NS3375 - Caring for the Vulnerable Populations – 4 credits

This course focuses on commonalities of vulnerable populations and strategies for improving their health and wellness. The course explores the interface between U.S. and international political structure and health policy and their impact on barriers experienced by vulnerable populations when accessing health care.

Prerequisite: NS3350

Campuses: IN, ZR

NS4010 – Nursing Finance – 4 credits

This course provides students with a basic understanding of nursing unit and hospital financial management. Core concepts include operational and capital budget, chargemaster functions, coding for reimbursement, and required documentation to avoid fraud and abuse charges. Private and federal grant program applications, accounting, and reporting is discussed.

Prerequisite: EN1150

Campuses: IN, ZR

NS4100 - Leadership and Management in Nursing - 4 credits

This course introduces students to nursing management and the concept of leadership as a lifelong learning process. Students will gain understanding of organizational theories, key skills in nursing and human resource management, strategic planning, participatory thinking, and shared vision.

Prerequisite: EN1150

Campuses: IN, ZR

NS4150 – Information Technology in Nursing and Health Care – 4 credits

This course provides students with knowledge and IT systems used in hospitals and health care agencies and applications to improve nursing delivery. Concepts include a survey of the types of systems currently in use and in development, environmental assessment to determine system needs, implementation and staff education strategies, system cost-benefit determination, and system evaluation.

Prerequisite: CI1150

Campuses: IN, ZR

NS4200 - Evidence Based Nursing Practice – 3 credits

This course is designed for the registered nurse to focus on utilizing research evidence to develop nursing interventions for selected clinical problems. This course will synthesize the best of research evidence and how it applies to clinical expertise and client values to direct practice decisions for the best health outcomes.

Prerequisite: NS3300/EN1150

Campuses: IN, ZR

NS4350 – Quality Management in Nursing and Health Care – 4 credits

This course provides an interdisciplinary approach to quality management. The student will gain an understanding of historical and theoretical underpinnings of quality management, national and international quality standards, and methods for collecting and managing quality data.

Prerequisite: EN1150

Campuses: IN, ZR

The following is an addition to the Course Descriptions section:

RX1000 - Introduction to Pharmacy – 2 credits

This is an introductory course in the field of pharmacy. The course orients students to the work of pharmacy technicians and the context in which the technician's work is performed. Students learn the concept of direct patient care and the technician's general role in its delivery. Students are introduced to the medication laws, standards, and regulations affecting pharmacy technicians and the concept of quality assurance and its procedures. Students examine the attitudes, values, and beliefs necessary for successful pharmacy technicians.

Campuses: RV

RX1100 - Pharmacy Calculations – 2 credits

This course introduces students to the calculations performed by technicians in the pharmacy practice setting. The course will orient users to the different measuring systems used in the pharmacy and conversions between the systems. Students will also learn common pharmacy symbols. Calculations will include proportions and dilutions. Common calculations in pharmacy will be applied, such as calculating proper dosage and identifying amounts of ingredients for compounded products.

Campuses: RV

RX1210 - Drug Therapeutics I – 4 credits

This course provides students detailed information on the therapeutic use and side effects of prescription medications, nonprescription medications and alternative therapies. For each medication studied, students learn the brand and generic name, standard pronunciation, dosage forms, and routes of administration. Therapeutic areas covered include the muscular, skeletal, cardiovascular, respiratory, endocrine and nervous systems. The role of the FDA in herbal products and dietary supplements is also described.

Prerequisites: RX1000/SC1290

Campuses: RV

RX1220 - Drug Therapeutics II – 4 credits

This course provides students detailed information on the therapeutic use and side effects of prescription medications, nonprescription medications, and alternative therapies. For each medication studied, students learn the brand and generic name, standard pronunciation, and dosage forms, and routes of administration. Therapeutic areas covered include the gastrointestinal, renal, reproductive, immune, eyes/ears/nose/throat, hematologic and dermatologic systems.

Prerequisites: RX1210

Campuses: RV

RX2110 - Pharmacy Operations – 4 credits

This course provides students with detailed knowledge of pharmacy operations and logistics. Students are introduced to the various forms of technology currently in use for storing, accessing, and recording pharmacy data. Students also learn various methods of inventory control, methods of payment, verification of coverage by third party payers, determination of payment, taxable and nontaxable items, and operation of a cash register. In addition, methods of handling hazardous wastes, sharps, and infection control are introduced.

Prerequisites: RX1000

Campuses: RV

RX2210 - Pharmaceutical Patient Care – 4 credits

This course examines the pharmacy technician's role in providing pharmaceutical care and the importance of communication. Students explore their role in assisting the pharmacist to collect, organize and evaluate information;

receiving and screening prescriptions or medication orders; counseling patients; preventing medical misadventures; and monitoring medication therapy. Students also learn strategies to communicate effectively with patients and coworkers when performing job responsibilities.

Prerequisites: RX1000, EN2100/EN2150

Campuses: RV

RX2310 – Preparation of Pharmacy Products Lab – 2 credits

This course provides students with hands-on experience in the production of pharmaceutical products. The skills of medication preparation, labeling, product storage, providing supplemental patient information, and quality assurance are addressed. Students also learn to prepare noncompounded products for distribution, and to compound sterile and nonsterile products, and cytotoxic and other hazardous medication products.

Prerequisites: RX1000

Campuses: RV

RX2410 - Preparing for the Pharmacy Profession – 3 credits

This course provides students with the tools they will need to be successful as pharmacy technicians. Students are exposed to a variety of issues related to the attitudes, values and beliefs of successful pharmacy technicians. Staying current with advances in therapy, projecting an image appropriate to the profession of pharmacy, developing effective interpersonal relationships with other health care professionals, and learning skills for problem solving, managing change, and negotiation are addressed. Throughout this course, students gain an appreciation for the value of technician certification and active involvement in professional organizations.

Prerequisites: RX2210

Campuses: RV

RX3110 - Infusion Externship – 4 credits

Students practice skills developed in the didactic and laboratory phases of their training in an environment that provides infusion services. The student will engage in the entire scope of activities that might be performed by a pharmacy technician at the particular site. The student will be evaluated by the site's preceptor.

Prerequisites: Program Coordinator Approval

Campuses: RV

RX3120 - Community or Outpatient Externship – 4 credits

Students practice skills developed in the didactic and laboratory phases of their training in a community or outpatient pharmacy that does not offer infusion services. The student will engage in the entire scope of activities that might be performed by a pharmacy technician at the particular site. The student will be evaluated by the site's preceptor.

Prerequisites: Program Coordinator Approval

Campuses: RV

National American University

Distance Learning Program

The following replaces the Health Care Management Admission Requirements section on page 131:

Health Care Management

Admission Requirements

Students with a two-year health care related associate degree:

- Must have one year of full-time work experience in a health care related field.
- Must have at least two additional years of any full-time work experience.

Students with a non-health care related associate degree:

- Must have two years of full-time work experience in a health care related field.
- Must have at least one additional year of any full-time work experience.

Students without an associate degree who have a one-year diploma, or one-year of accredited college credit (30 semester hours/45 quarter hours), or equivalent transcribed military credits would be allowed entrance into the program based on a course-by-course evaluation.

- Must have two years of full-time work experience in a health care related field.
- Must have at least two additional years of any full-time work experience.

All students must have a "C" or above in EN1150 or EN1300 prior to beginning healthcare management courses. Students must be approved for the Health Care Management program by the program chair or his/her designee before enrolling in any healthcare management courses.

The following replaces the International Admission section on pages 131-132:

International Admission

National American University encourages diversity within its student body, and international students from many countries study through the Best of Both Worlds – IDP™ program at international affiliates' campuses and study online.

Admissions

International student applicants that wish to study in the National American University undergraduate program through an affiliate college or university outside the United States or that wish to pursue their undergraduate studies entirely online must satisfy the following criteria for admission:

1. Complete and submit a Best of Both Worlds Program – IDP™ Online Application for Admission. See <https://services.national.edu/registration/BOBWApp.aspx>.
2. Pay a one-time, non-refundable application fee of US\$25 at the time of application. *The fee may be waived for students from higher education institutions with which National American University has an affiliation agreement.*
3. All applicants for admission must provide evidence of secondary and/or post-secondary education through satisfaction of one of the following requirements:
 - a. Provide an official academic transcript or marks sheet indicating graduation from a secondary-level education institution. Diplomas, transcripts, and/or certificates related to government examinations must show the subjects passed and grades/marks received. All records should be submitted in the original language, and credentials in languages other than English must be accompanied by a certified English translation except as otherwise indicated by National American University. Translations should be literal and not interpretive. A key to the marking system or grading scale should also be included if it is not indicated on the transcript.
 - b. Provide an official transcript that indicates completion of a post-secondary program of at least two years in length with a minimum cumulative grade point average of 2.0 / 4.0 or the equivalent from (i) an international higher education institution that is approved by the country's national ministry of education or appropriate approval body or (ii) an accredited U.S. higher education institution. Transcripts should show marks and credits earned for all post-secondary work. All records should be submitted in the original language, and credentials in languages other than English must be accompanied by a certified English translation except as otherwise indicated by National American University. Translations should be literal and not interpretive. A key to the marking system or grading scale should also be included if it is not indicated on the transcript.
 - c. Provide an original General Educational Development (GED) examination report demonstrating passing marks for the overall examination.

A student applicant that has been accepted by an NAU international affiliate but who has not satisfied this admissions

requirement may enroll in up to two academic terms of NAU coursework as a non-degree student, until the point at which the student satisfies the admissions requirement through (a) (b) or (c) above.

4. All applicants who are not native speakers of English must demonstrate proficiency in English through satisfaction of one of the following requirements:
 - a. Provide an official Test of English as a Foreign Language (TOEFL) score report indicating a minimum score of 500 for a paper-based, 173 for a computer-based or 61 for an Internet-based exam. The TOEFL must have been taken within the past two calendar years. Official test scores must be sent from the testing agency to National American University. When ordering TOEFL test results, include the university's school code of 6464.
 - b. Provide an official International English Language Testing System (IELTS) score report with an overall minimum score of 5.5. The IELTS must have been taken within the past two calendar years. Official test scores must be sent from the testing agency to National American University.
 - c. Provide evidence of completion of two semesters (or equivalent) of college-level English (excluding ESL courses) with a grade of C or higher at an accredited U.S. college or university.
 - d. Provide other evidence of English language proficiency as deemed appropriate by National American University.

In the event that students accepted for study online or through a National American University international affiliate wish to enroll in campus-based courses in the United States, students will be required to satisfy additional requirements as follows:

1. Complete and submit an International Financial Certification form, available from the National American University Office of Admissions and attach an original bank statement.
2. International students are required, as part of the application process, to show evidence of sufficient funding to cover tuition, fees and living expenses through the duration of their studies their studies. The amount and source of funds are also shown on the Certificate of Eligibility (I-20) required for application for an F-1 visa.
3. Students planning to bring a spouse and/or children to the United States are required to demonstrate the availability of additional funds to support those individuals.

Students requesting the Certificate of Eligibility (Form I-20) to apply for an F-1 (student) visa to enter the U.S. to attend National American University must fulfill all the aforementioned international admissions requirements. Upon acceptance by and approval from the university, Form I-20 will be issued to eligible students.

Additional documentation in support of an applicant's candidacy may be requested as deemed necessary by National American University. The university reserves the right to reject documentation and to request verification of documents as necessary. Admissions documentation will be considered the property of the university and will not be returned to the

applicant (some exceptions may apply). NAU reserves the right to reject any and all student applicants.

The following replaces the online Nursing RN to BSN Program section found on pages 166-167:

Online Degree Programs

Nursing

Bachelor of Science Degree - RN to BSN Degree Completion Program

Today's dynamic and diverse health care environment requires professional nurses who can champion health promotion and disease prevention, function effectively in ambiguous, unpredictable and complex environments, demonstrate critical thinking and flexibility, and execute a variety of roles throughout a lifetime career. The National American University RN to BSN program provides necessary knowledge for registered nurses to transition to effective professional nursing practice in a rapidly changing environment.

The National American University RN to BSN program is designed for working RNs with an associate degree or diploma certificate, building on the student's past education and experience. This program offers a flexible and practical way for RNs to expand their knowledge and prepare for leadership positions in a variety of health care settings. It also provides the skills and credentials necessary to pursue graduate education.

All university admission requirements must be met, and:

1. Students must be graduates of an Associate Degree in Nursing or a Diploma in Nursing program.
2. Students must have a 2.5 overall GPA.
3. Students must have a valid RN license.

Educational Goals for the Bachelor of Science degree in Nursing

The program will:

1. Develop the student's cultural competence in practicing nursing within a diverse society.
2. Provide an overview of health care accounting, reimbursement, legal statutes, and information technology skills needed for managerial nursing positions.
3. Develop the student's critical thinking skills to improve professional nursing practice and health care outcomes.
4. Expose the student to nursing and health care philosophy and theories necessary for collaborative and interdisciplinary leadership.
5. Provide students with an understanding of the professional nursing role in the health care team.

Nursing Bachelor of Science Degree 189 Credits

Offered in all states except Minnesota and Texas.

Required Support Courses	Prerequisites	Credit Hrs.
CS2080D Career Management		3
HC4050D Health Services Law for Mgrs.	~	4
MA3000D Business Statistics	MA2050D	5
		12

Nursing Major Core

(All 48 credits must be with NAU)

NS3025D*	Concepts and Challenges in Prof. Nursing	EN1150D	2
NS3050D*	Pathophysiology in Practice	EN1150D	4
NS3210D*	Issues in Transcultural Nursing	EN1150D	4
NS3225D*	Nursing and Health Care Delivery Models	EN1150D	4
NS3250D*	Ethics & Issues in Contemporary Nursing	EN1150D	4
NS3300D*	Research in Nursing	MA3050/EN1150D	3
NS3350D*	Community as Client	EN1150D	4
NS3375D*	Caring for the Vulnerable Populations	NS3350D	4
NS4010D*	Nursing Finance	EN1150D	4
NS4100D	Leadership & Management in Nursing **	EN1150D	4
NS4150D*	Information Technology in Nursing and Health Care	CII150D	4
NS4200D*	Evidence Based Nursing Practice	NS3300D/EN1150D	3
NS4350D*	Quality Management In Nursing and Health Care	EN1150D	4
			48

NURSING OR OPEN ELECTIVES (57)

General Education Core

NOT AVAILABLE FOR BLOCK TRANSFER

COMMUNICATIONS			
EN1150D	Composition		4.5
EN1200D	Organizational Communications	EN1150D	4.5

EN1300D	Advanced Composition	EN1150D	4.5
EN2105D or EN2100D	Interpersonal Prof. Communications or Speech	EN1150D	<u>4.5</u>
			18
SCIENCE			
SC1200D*	Principles of Nutrition		4.5
SC1231D*	Human Anat. & Phys. I w/Simulations	Instructor approval	4.5
SC1311D*	Human Anatomy & Physiology II	SC1231D	4.5
SC1351D*	General Chemistry w/Simulations		4
SC1421D*	Microbiology w/Simulations	SC1351D	<u>5</u>
			22.5
MATHEMATICS			
MA2050D	College Algebra	MA1200D^	<u>4.5</u>
			4.5
HUMANITIES			
	Humanities Electives		<u>9</u>
			9
BEHAVIORAL/SOCIAL SCIENCE			
SC1050D	Introduction to Sociology		4.5
	Behavioral/Social Science Elective		<u>4.5</u>
			9
GENERAL EDUCATION			
PS1500D	Strategies for Success		<u>4.5</u>
			4.5
COMPUTER LITERACY			
	Intro. to CIS or CI Elective		<u>4.5</u>
			4.5

* Professional course (minimum "C" grade required)

** CAPSTONE COURSE--Senior Level, minimum "C" grade required.

^ Or placement recommendation

~ LA3100 and EN1150 or EN1300

Graduation Requirements: A minimum 2.5 GPA is required overall and in the Nursing Major Core. See "Graduation Requirements" section of catalog for additional requirements.

The following replaces the online NURSING - NS section on pages 175-176:

DISTANCE LEARNING COURSES

NURSING - NS

NS3025D – Concepts and Challenges in Professional Nursing – 2 credits

This course is designed to facilitate role understanding and socializations into professional nursing. This course introduces concepts to be explored in further depth in the program including social context for nursing, nursing roles in the health care delivery system, nurses and political action, and nursing's future challenges.

Prerequisite: EN1150D

NS3050D- Pathophysiology in Practice- 4 credits

This course will focus on the mechanisms and clinical manifestations of high volume and high-risk diseases common across the variety of nurse practice settings. The course includes pathophysiology of emerging diseases and updated treatment recommendations.

Prerequisite: EN1150D

NS3210D – Issues in Transcultural Nursing – 4 credits

This course is designed to assist professional registered nurses to explore and analyze cultural beliefs, attitudes, and values of themselves, clients, and other members of the community. Students will describe the health care practices of various populations. They will learn transcultural communication principles and techniques that will assist them in development of a nursing care plan that meets the holistic needs of the client and family.

Prerequisite: EN1150D

NS3225D – Nursing and Health Care Delivery Models – 4 credits

This course explores philosophies and theories of nursing, health care, and related fields as a foundation to the practice of professional nursing. The concepts of person, health, and environment will be integrated with the four functions of theory (description, explanation, prediction, and control) to develop students' ability to work in diverse care environments.

Prerequisite: EN1150D

NS3250D – Ethics and Issues in Nursing - 4 credits

This course explores the theories, models, and principles that serve as guides for ethically sound behavior within a nursing context. The course addresses the complexities created by science and technological advances, the variety of setting where nurses practice, and emphasizes the importance of principled behavior in personal and professional situations.

Prerequisite: EN1150D

NS3300D - Research in Nursing - 3 credits

This course is designed to facilitate the student's understanding and appreciation for the significance of nursing research as the basis for nursing practice. The influence of quantitative and qualitative research as well as evidence-based practice in nursing will be discussed.

Prerequisite: MA3050D/EN1150D

NS3350D - Community as Client - 4 credits

This course introduces the student to the concept of community as client by examining community health issues and the role of

nursing in providing care to populations. Emphasis is on community assessment, health education, program planning and evaluation. Additional concepts include environmental and biological hazards, mass casualty response, and unified incident command.

Prerequisite: EN1150D

NS3375D - Caring for the Vulnerable Populations – 4 credits

This course focuses on commonalities of vulnerable populations and strategies for improving their health and wellness. The course explores the interface between U.S. and international political structure and health policy and their impact on barriers experienced by vulnerable populations when accessing health care.

Prerequisite: NS3350D

NS4010D – Nursing Finance – 4 credits

This course provides students with a basic understanding of nursing unit and hospital financial management. Core concepts include operational and capital budget, chargemaster functions, coding for reimbursement, and required documentation to avoid fraud and abuse charges. Private and federal grant program applications, accounting, and reporting is discussed.

Prerequisite: EN1150D

NS4100D - Leadership and Management in Nursing - 4 credits

This course introduces students to nursing management and the concept of leadership as a lifelong learning process. Students will gain understanding of organizational theories, key skills in nursing and human resource management, strategic planning, participatory thinking, and shared vision.

Prerequisite: EN1150D

NS4150D – Information Technology in Nursing and Health Care – 4 credits

This course provides students with knowledge and IT systems used in hospitals and health care agencies and applications to improve nursing delivery. Concepts include a survey of the types of systems currently in use and in development, environmental assessment to determine system needs, implementation and staff education strategies, system cost-benefit determination, and system evaluation.

Prerequisite: CII150D

NS4200D - Evidence Based Nursing Practice – 3 credits

This course is designed for the registered nurse to focus on utilizing research evidence to develop nursing interventions for selected clinical problems. This course will synthesize the best of research evidence and how it applies to clinical expertise and client values to direct practice decisions for the best health outcomes.

Prerequisite: NS3300D/EN1150D

NS4350D – Quality Management in Nursing and Health Care – 4 credits

This course provides an interdisciplinary approach to quality management. The student will gain an understanding of historical and theoretical underpinnings of quality management, national and international quality standards, and methods for collecting and managing quality data.

Prerequisite: EN1150D

The following are additions to the Central Administration listing found on page 179:

National American University Central Administration

System RN to BSN Program Chair

Barbara Landrum, B.S.N., University of Missouri (1976); M.S.N., University of North Carolina (1983); D.N.Sc., Rush University (1999); R.N.

System Legal Studies Program Chair

Paul Sedlacek, B.S., Business Administration, University of Nebraska (1977); J.D., University of Nebraska (1980)