



ADDENDUM B

Effective February 1, 2015

POLICIES AND PROCEDURES

TRANSITION PROGRAMS

Program Terminations

College of Letters and Sciences (COLS)

- Bachelor of Arts in Global Studies to Master of Arts in History
- Bachelor of Arts in History to Master of Arts in History

COLLEGE OF LETTERS AND SCIENCES

Undergraduate Programs

ASSOCIATE OF SCIENCE

New Faculty Advisor

MAJOR IN PROFESSIONAL GOLF MANAGEMENT

Faculty Advisor: John Haggerty; (760) 268-1589; jhaggerty@nu.edu

BACHELOR OF ARTS

MAJOR IN SPORT PSYCHOLOGY

Faculty Advisor: Sarah Castillo; (760) 268-1584; scastillo@nu.edu

Modified Program

The Bachelor of Arts in Sport Psychology program offers a comprehensive introduction to the contemporary discipline of sport psychology. Graduates of this program are well prepared to seek employment in entry-level coaching positions and admission to graduate psychology programs at the master's or doctoral level.

Program Learning Outcomes

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

- Discuss current trends in psychological research in both individual and team contexts within sport psychology.
- Analyze how psychological factors influence performance in sport, and techniques to increase performance and reduce anxiety.
- Examine the history of sport psychology and its role in contemporary psychological theories and systems.
- Discuss the influences of diversity and multiculturalism on group interactions and performance.
- Apply psychological theory to coaching situations.
- Communicate orally and in writing using proper sport and psychology terminology.
- Discuss the legal and ethical issues in sport psychology and performance enhancement.
- Discuss the physiological and motoric principles of performance in sport and physical activity

Degree Requirements

To receive a Bachelor of Arts in Sport Psychology degree, 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 a minimum 70.5 units of 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 (2 courses; 9 quarter units)

MTH 210* Probability and Statistics

Prerequisite: Accuplacer test placement evaluation or MTH 12A and MTH 12B

PSY 100* Introduction to Psychology

*May be used to satisfy General Education requirements

Requirements for the Major (13 courses; 58.5 quarter units)

PSY 302 Foundation of Sport Psychology

Prerequisite: ENG 100, ENG 101, PSY 100

PSY 448 History of Sport & Sport Psych

Prerequisite: PSY 100, PSY 302

PSY 300 Social Psychology of Sport

Prerequisite: ENG 100, ENG 101, PSY 100

HUB 441 Research Design and Analysis

Prerequisite: ENG 100, ENG 101, MTH 210, PSY 100

PSY 303 Motor Learning

Prerequisite: ENG 100, ENG 101, PSY 100

PSY 440 Sport Psychology for Coaches

Prerequisite: PSY 100, PSY 302

PSY 443 Culture and Sport Psychology

Prerequisite: PSY 100, PSY 302

BIO 385 Biomechanics of Sport

Prerequisite: BIO 100, BIO 100A

BIO 386 Exercise Physiology

Prerequisite: BIO 100, BIO 100A

PSY 340A Counseling Techniques I

Prerequisite: ENG 100, ENG 101, PSY 100

PSY 445 Applied Sport Psychology

Prerequisite: PSY 100, PSY 302

PSY 442 Sem Applied Sport Psychology

Prerequisite: Satisfactory completion of 9 courses in the major

PSY 485 Sport Psychology Sr. Project

Prerequisite: Satisfactory completion of ALL Major requirement

Upper-Division Elective (3 courses; 13.5 quarter units)

Choose three upper division electives from available offerings within the College of Letters and Sciences. It is STRONGLY RECOMMENDED that students select AT LEAST 2 of their required electives from the following 7 courses:

PSY 427 Biological Psychology
Prerequisite: ENG 100, ENG 101, and PSY 100

PSY 428 Developmental Psychology
Prerequisite: ENG 100, ENG 101, PSY 100

PSY 429 Intro to Personality Theory
Prerequisite: PSY 100, ENG 100, ENG 101

PSY 430 Intro to Psychopathology
Prerequisite: PSY 100, ENG 100, ENG 101

PSY 432 Social Psychology
Prerequisite: ENG 100, ENG 101, PSY 100

PSY 433 Cognitive Psychology
Prerequisite: ENG 100, ENG 101, PSY 100

PSY 446 Positive Psychology
Prerequisite: ENG 100, ENG 101, PSY 100

In lieu of the elective requirement, students may choose to complete the Concentration in Professional Golf Management (PGM) listed below.

Concentration in Professional Golf Management

Faculty Advisor: Sarah Castillo; (760) 268-1584; scastillo@nu.edu

This emphasis is designed to prepare students for entry into the field of professional golf management and coaching. These courses are designed to include practical experiences in coaching, instruction, and player development as well as introduce students to contemporary issues in golf management.

Program Learning Outcomes

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

- Present a case study analysis of a financial situation presently being faced in the golf industry and explore methods for facing the challenges presented in the case study.
- Articulate a philosophy and approach to instruction and player development.
- Utilize basic turf grass science and apply that knowledge to an environmentally sensitive golf facility.
- Use common methods of analysis to measure a facility's financial performance.

Preparation for the Concentration (4 courses; 18 quarter units)

PGM 444 Instruction/Player Develop.
Prerequisite: satisfactory completion of 8 core courses

PGM 447 Prof. Golf Management Seminar
Prerequisite: PGM 444

PGM 445 Player Development II Seminar
Prerequisite: PGM 447

PGM 448 Senior Project in PGM
Prerequisite: satisfactory completion of ALL Major requirements

MAJOR IN STRATEGIC COMMUNICATIONS

Faculty Advisor: Louis Rumpf; (858) 642-8057; lrumpf@nu.edu

Modified Program

The Bachelor of Arts in Strategic Communications prepares students for leadership positions in public relations, advertising, marketing, and corporate communication. Graduates can use the strategic thinking and message creation skills they acquire to work in most industries, helping organizations create messages

for presentations, as well as for print, broadcast, and digital media. The program covers the theory behind and execution of integrated marketing communication campaigns, disseminated in interpersonal, intercultural, organizational, and public settings. Students learn through academic work, case studies, and hands-on experience creating messages across media platforms. Completion of the program enables graduates to succeed in positions that require strategic thinking and planning, project management, content creation, and leadership.

Program Learning Outcomes

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

- Develop communication campaign messaging strategies.
- Apply persuasion theory to communication campaigns and media messages.
- Create content that fulfills strategic communications campaign objectives.
- Explain strategic communication plans and present them online.
- Working in a group, create strategic communication messages.
- Apply research data to guide the development of strategic communication campaigns and messages.
- Develop multi-platform, multi-public message dissemination plans.
- Identify communication settings and apply appropriate theoretical precepts and practical skills to formulating messages.

Degree Requirements

To receive a Bachelor of Arts in Strategic Communications, students must complete at least 180 quarter units as follows: 76.5 units must be completed at the upper-division level, and 45 units must be completed in online residence through National University. Students must also complete a minimum 70.5 units of the University's 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.

Prerequisites

(2 courses; 7.5 quarter units)

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

COM 103* Public Speaking

* May be used to satisfy General Education requirements.

Requirements for the Major

(17 courses; 76.5 quarter units)

Core Requirements

(14 courses; 63 quarter units)

COM 300 Interpersonal Communication
Prerequisite: ENG 101

COM 305 Intercultural Communication
Prerequisite: ENG 101

COM 310 Communication Theory
Prerequisite: ENG 101

COM 315 Communication Research Methods
Prerequisite: ENG 101

COM 324 Critical Thinking and Ethics
Prerequisite: ENG 101

COM 334 Persuasion
Prerequisite: ENG 101

COM 402 Communication Technologies
Prerequisite: ENG 101

COM 344 Organizational Communication
Prerequisite: ENG 101

COM 354 Professional Presentations
Prerequisite: ENG 101

COM 385 Interactive Storytelling
Prerequisite: ENG 101

COM 394 Strategic Writing
Prerequisite: ENG 101

COM 400 Mediated Messaging
Prerequisite: COM 385 and COM 394

COM 404 Media Management
Prerequisite: COM 400

COM 499 Communication Program Capstone
Prerequisite: Completion of 13 core and advanced core courses.

Advanced Core Requirements (3 courses; 13.5 quarter units)

COM 441 Communication Strategies
Prerequisite: COM 334

COM 442 Communication Campaigns
Prerequisite: COM 441

COM 443 Interactive & Mobile Campaigns
Prerequisite: COM 442

BACHELOR OF SCIENCE

MAJOR IN ORGANIZATIONAL BEHAVIOR

Faculty Advisor: Maureen O'Hara; (858) 642-8464; mohara@nu.edu

Modified Program

The behavior of individuals and groups in an organization directly affects the success of the organization. Knowledge of human behavior, psychology and business is critical in helping people lead productive lives and contribute to the achievement of organizational goals and objectives. The Bachelor of Science in Organizational Behavior provides a solid foundation for applying knowledge to the workplace and increasing the effectiveness of both individuals and work teams.

Degree Requirements

To receive a Bachelor of Science in Organizational Behavior, students must complete at least 180 quarter units as articulated below, 76.5 of which must be completed at the upper division level, 45 of which must be completed in residence at National University and a minimum 70.5 units of General Education requirements. In the absence of transfer credit, additional general electives may be needed to fulfill the total unit requirement for the degree.

Bachelor of Science in Organizational Behavior/Master of Human Behavior (BSOB/MAHUB) Transition Program

Students who are currently enrolled in the BSOB degree program and have at least a GPA of 3.0 and are within six courses of graduation, may request the BSOB/MAHUB transition program through their advisor and once approved may then take two of the following three MAHUB classes as electives during the BSOB program: HUB601A, HUB646, and HUB601D. To be eligible, students must apply for and begin the MAHUB program within six months of completing the BSOB program. Students may choose up to two graduate-level MAHUB courses for which all prerequisites are met (if any required). The number of courses required to earn a MAHUB is reduced from 12 to as few as 10 courses. Graduate-level coursework taken as part of the transition program cannot be transferred as graduate level credit to this or any other university. Students must complete the graduate level coursework taken as part of the BSOB degree with a grade of "B" or better. Students must complete the MAHUB program within four years with no break exceeding 12 months.

Requirements for the Major (9 courses; 40.5 quarter units)

HUB 440 Organizational Development
Prerequisite: ENG 100, ENG 101, and PSY 100

HUB 410 Psychology for Managers
Prerequisite: ENG 100, ENG 101, and PSY 100

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

MGT 422 Team Bldg, Interpers Dynamics

or

HUB 400 Group Structure & Dynamics
Prerequisite: ENG 100, ENG 101, and PSY 100

HRM 409B Survey in HRM & OD

or

PSY 432 Social Psychology
Prerequisite: ENG 100, ENG 101, and PSY 100

MGT 400 Ethics in Law, Business & Mgmt

HUB 401 Conflict Resolution
Prerequisite: ENG 100, ENG 101, and PSY 100

or

HUB 420 Human Communication
Prerequisite: ENG 100, ENG 101, and PSY 100

HUB 441 Research Design and Analysis
Prerequisite: ENG 100, ENG 101, MTH 210, and PSY 100

PSY 480 Senior Project
Prerequisite: All other courses required for the major must be completed prior to enrolling in this course.

Upper-Division Electives (7 courses; 31.5 quarter units)

Students can select from the following course prefixes to meet elective requirements: HUB, PSY, SOC, CJA, HCA, HRM, MGT, and COM.

MASTER OF ARTS IN HISTORY

Faculty Advisor: Duncan Campbell; (858) 642-8464; dcampbell2@nu.edu

Modified Program

The Master of Arts in History offers a broad yet focused program of graduate training in historical research and writing. The program is well-suited for teachers who would like a discipline-based Master's degree beyond the credential. It is also excellent preparation for a career with the State Department, teaching History at the community college, doctoral studies in History, or any career in the public or private sectors requiring advanced research, analytical and writing skills.

The graduate curriculum offers balanced coverage of the major theoretical, regional, comparative, thematic, topical, global, and epochal approaches to the research and writing of History. Students choose one of two tracks through the program which result in a significant Master's project.

A research track equips students with the advanced research, analytical, and writing skills needed to produce historical scholarship of professional quality and to participate in the transformative and trenchant discussions of professional historians. At the conclusion of their course of study, students will write a traditional Master's thesis. This will be the result of extensive historical research. Students interested in producing original scholarship and perhaps attending a PhD program should follow the thesis track.

Students who are currently history teachers or who aim to teach at the secondary or community college level and have little interest in doctoral studies or advanced research can choose a teaching option, which exposes students to contemporary, cutting-edge debates in American, European, and world history. At the conclusion of their course of study, students present a Master's Portfolio centering on recent and classic scholarship in specific fields of study related to the students' teaching interests.

Specific Program Admission Requirements

To be admitted to the Master of Arts in History program, students must have a

Bachelor of Arts in History or a closely-related field in the social sciences or humanities. Students with a minor in history may be admitted after approval by the Program Lead Faculty.

Additional Program and Thesis Information

All students are encouraged to select a Research or Portfolio Advisor early in their program from the program faculty based on areas of interest and planned thesis or portfolio but they must choose an Advisor approved by the Program Lead Faculty no later than the start of their fifth course. The student's program Faculty Advisor and faculty members teaching HIS 695 will give final approval to the student's research prospectus.

Once their research or portfolio proposal has been approved, students initiate monthly contact with their Advisor, document their progress, and provide drafts of each chapter for review. Students should consult regularly with their Advisor regarding course selection and the progress they are making on their research or portfolio proposal. The program Faculty Advisor and faculty member teaching HIS 699 will give final acceptance to the Master's thesis or portfolio as satisfying part of the requirements for the Master of Arts in History degree. Students are awarded an IP grade at the conclusion of HIS 699 and, if needed, have up to nine months after the end of HIS 699 to submit a completed thesis, multimedia project, or portfolio.

The expected (normative) time to completion of all requirements for the MA History program is two (2) years.

*****Please note that HIS 699 should be taken at the end of the program.**

To be considered for graduation, a MA History candidate must submit the completed Master's Thesis or Master's Portfolio to the course instructor and the Faculty Advisor and a second reader designated by the Program Lead within one year of the start of HIS 699. The second reader and the Faculty Advisor are responsible for evaluating the thesis or portfolio and determining whether the candidate has met the requirements for the MA in History as specified in the Thesis or Portfolio guidelines.

Degree Requirements (10 courses; 45 quarter units)

To receive the Master of Arts in History, students must complete at least 45 quarter units. A total of 4.5 quarter units of graduate credit may be granted for equivalent graduate work completed at another institution, as it applies to this degree, and provided the units were not used in earning another advanced degree. Coursework transferred from other universities must first have the approval of the Program Faculty Advisor. Students should refer to the General Catalog section on graduate admission requirements for specific information regarding admission and evaluation.

Core Requirements (6 courses; 27 quarter units)

HIS 600 Seminar in History and Theory

Choose two of the following:

HIS 618A Seminar in Modern Europe I
Prerequisite: HIS 600

HIS 618B Seminar in Modern Europe II
Prerequisite: HIS 600

HIS 620A Seminar in US History I
Prerequisite: HIS 600

HIS 620B Seminar in US History II
Prerequisite: HIS 600

Choose one of the following:

HIS 630 Seminar in World History
Prerequisite: HIS 600

HIS 658 Seminar in Modern China
Prerequisite: HIS 600

HIS 668 Seminar in Modern Middle East
Prerequisite: HIS 600

HIS 678 Seminar in Modern Africa
Prerequisite: HIS 600

HIS 688 Seminar in Latin America

Thesis/Portfolio Core Requirements

HIS 695 Directed Research Methods
Prerequisite: HIS 600, HIS 618A, or HIS 618B, HIS 620A, or HIS 620B, HIS 630

HIS 699 Thesis
Prerequisite: HIS 695 Select four courses from the following: HIS 618A, or HIS 618B, HIS 620A, or HIS 620B, HIS 640, HIS 645A, HIS 645B, HIS 649A, HIS 649B, HIS 658, HIS 668, HIS 678, HIS 688

Program Electives (4 courses; 18 quarter units)

HIS 618A Seminar in Modern Europe I
Prerequisite: HIS 600

HIS 618B Seminar in Modern Europe II
Prerequisite: HIS 600

HIS 620A Seminar in US History I
Prerequisite: HIS 600

HIS 620B Seminar in US History II
Prerequisite: HIS 600

HIS 640 Seminar in Comparative History
Prerequisite: HIS 600

HIS 645A Special Topics in History I
Prerequisite: HIS 600

HIS 645B Special Topics in History II
Prerequisite: HIS 600

HIS 649A Seminar in a Period/Movement I
Prerequisite: HIS 600

HIS 649B Seminar in a Period/Movement I
Prerequisite: HIS 600

HIS 658 Seminar in Modern China
Prerequisite: HIS 600

HIS 668 Seminar in Modern Middle East
Prerequisite: HIS 600

HIS 678 Seminar in Modern Africa
Prerequisite: HIS 600

HIS 688 Seminar in Latin America

HIS 692 Methods and Sources
Prerequisite: HIS 600

HIS 696 History and Applied Media
Prerequisite: HIS 695, HIS 600

HIS 697 Guided Thesis/Project Research
Prerequisite: HIS 600, and HIS 692, and HIS 695

HIS 698 Media/Technology Project
Prerequisite: HIS 696, HIS 695, and Select four courses from the following: HIS 618A, or HIS 618B, HIS 620A, or HIS 620B, HIS 630, HIS 640, HIS 645A, HIS 645B, HIS 649A, HIS 649B, HIS 658, HIS 668, HIS 678, HIS 688

SCHOOL OF HEALTH AND HUMAN SERVICES

Undergraduate Programs

BACHELOR OF SCIENCE

MAJOR IN PUBLIC HEALTH

Faculty Advisor: Marie Boman-Davis; (858) 309-3465; mbomandavis@nu.edu
Online Faculty Advisor: Brandon Eggleston; 858-309-3428, beggleston@nu.edu

Modified Program

The Bachelor of Science in Public Health features a broad-based foundation in the liberal arts and sciences and an ecological perspective of public health and the role that public health professionals play in preventing disease while maintaining or increasing quality of life. Graduates of the program will possess an understanding of the contributions of core public health disciplines to the nation's health. At the same time, graduates will also learn how to apply knowledge and skills relating to the interactions and interdependencies of health behavior, the physical and social environment, and public policy to affect health at local, state, national and international levels. The program is designed to prepare entry-level public health professionals to begin careers in a variety of health agencies: governmental health agencies, voluntary health agencies, community based/non-governmental agencies, medical care services, education agencies, and business and industry. Within these practice settings, entry-level public health practitioners address significant health challenges from individual, family, group, organization, neighborhood, community, and societal perspectives. Graduates will apply their competencies to assess needs, plan and implement prevention programs, assess program outcomes, communicate and advocate for public health issues, and participate in the development of public health as a profession. Graduates will also enhance their opportunities for professional growth and job placement through planned field practicum. Upon graduation, entry-level public health practitioners may be eligible to sit for the Certified Health Education Specialists exam (CHES) through the National Commission on Health Education Credentialing, Inc. Community Health (COH) courses in levels 300 and 400 are only offered in two formats: 1) Hybrid 50/50; 2) Online.

Degree Requirements

To receive a Bachelor of Science degree in Public Health, students must complete at least 180 quarter units as articulated below including a minimum 70.5 units of the University General Education requirements, 76.5 quarter units of which must be completed at the upper-division level, and 45 quarter units of which must be completed in residence at National University. In the absence of transfer credit, additional general electives may be necessary to satisfy total units for the degree. Refer to the section on undergraduate admission requirements for specific information regarding admission and evaluation.

Preparation for the Major (14 courses; 54 quarter units)

PSY 100* Introduction to Psychology

SOC 100* Principles of Sociology
Prerequisite: ENG 100 and ENG 101

BST 322* Intro to Biomedical Statistics

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

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

COH 100* Personal Health

COH 317* Public Health Nutrition
Prerequisite: ILR 260

COH 318* Drug Use and Abuse
Prerequisite: ILR 260

COH 319* Human Sexuality
Prerequisite: ILR 260

HTM 310 Health Informatics

* May be used to satisfy General Education requirements.

Requirements for the Major (15 courses; 67.5 quarter units)

COH 300 The Ecology of Public Health
Prerequisite: COH 100, COH 320, COH 310, and PSY 100, SOC 100, BIO 203A

COH 310 Culture and Health
Prerequisite: ILR 260

COH 315 Introduction to Epidemiology
Prerequisite: BST 322, ILR 260

COH 320 Chronic & Communicable Disease
Prerequisite: ILR 260

COH 321 Health Behavior
Prerequisite: ILR 260

COH 380 HP Program Planning & Eval
Prerequisite: COH 300, COH 315, HTM 310

COH 400 Environmental Health
Prerequisite: COH 380

COH 401 Health Promotion Concepts
Prerequisite: HTM 310, COH 300, COH 315, COH 400

COH 412 Injury Prevention
Prerequisite: COH 401

COH 416 PH & Physical Activity
Prerequisite: COH 401

COH 422 Global Health Promotion
Prerequisite: COH 401

COH 430 HP Strategies & Tactics
Prerequisite: COH 401

COH 435 PH Communications & Advocacy
Prerequisite: COH 430

COH 440 Preparedness & Disaster Mgmt
Prerequisite: COH 401

COH 499 Public Health Field Practicum
Prerequisite: COH 300, COH 100, COH 310, COH 315, COH 320, COH 321, COH 380, COH 400, COH 401, COH 412, COH 440, COH 416, COH 317, COH 318, COH 319, COH 430, COH 435, COH 422

MAJOR IN RADIATION THERAPY

Faculty Advisor: Cheryl Young; (714) 429-5118; cyoung2@nu.edu

Modified Program

The Bachelor of Science in Radiation Therapy builds on a broad-based foundation in liberal arts and sciences designed to strengthen critical thinking and communication skills to work with a diverse population in multiple healthcare settings. Graduates of this program will be able to understand all aspects of radiation therapy including effective patient care and education, treatment planning and radiation physics as well as the biological effects of radiation in a rapidly advancing high touch, highly technical profession.

The Radiation Therapy Program combines classroom with clinical experiences to prepare graduates for an entry level position in the profession as an integral member of the healthcare team using radiation to treat cancer and some benign diseases. Graduates will use their competencies to assess the physical, emotional and educational needs of the patients they serve, determine the efficacy of a prescribed treatment and carry out the accurate delivery and documentation of treatment.

The Radiation Therapy Program is a full-time, lock-step program in which each cohort of students progress in unison, taking each of the courses in a sequenced manner. Courses in the program build on knowledge from courses previously completed with medical terminology as an integral component of all courses. Students will also take two courses in one month as scheduled. Because clinical sites are geographically separated, students may need to travel over 50 miles for their clinical internship. Once the program is completed, students will be eligible to apply to sit for the American Registry of Radiologic Technologists (ARRT) national examination and apply for certification from the California Department of Public Health, Radiologic Health Branch. The Radiation Therapy Program has received accreditation by the California Department of Public Health, Radiologic Health Branch and is an applicant program with the Joint Review Committee on Education in Radiologic Technology (JRCERT), 20 N. Wacker Drive, Suite 2850, Chicago, IL 60606 (312) 704-5300. www.JRCERT.org

The Radiation Therapy Program prepares the graduate to be able to fulfill the following outcomes as an entry-level professional.

Mission Statement

The mission of the Radiation Therapy major is to prepare students to assume the professional role of a radiation therapist. Graduates of the major will be skilled in critical thinking to provide the highest quality of patient care, education and treatment.

Goals

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

1. Students will be competent in the delivery of radiation therapy treatments and simulation.
2. Students will communicate effectively.
3. Students will utilize critical thinking and problem solving skills.
4. Students will demonstrate professional and ethical behavior.

Student Learning Outcomes

- 1.1 Demonstrate patient, radiation and equipment safety at all times.
- 1.2 Demonstrate clinical competence in the areas of patient care, treatment, and simulation.
- 2.1 Effectively communicate with patient, families.
- 2.2 Effectively communicate with members of the health care team.
- 3.1 Formulate priorities in daily clinical practice.
- 3.2 Demonstrate the ability to think critically to apply knowledge to new situations.
- 4.1 Demonstrate the concepts of teamwork.
- 4.2 Demonstrate attitudes congruent with professional standards and actions.

Admission Requirements

Students seeking to study radiation therapy at National University must:

- Meet all requirements for admission to an undergraduate degree program at the University as outlined in the University Catalog.
- Have obtained a 2.50 cumulative GPA from all regionally accredited institutions attended.

- Students must complete a minimum of 40 hours of observation in a radiation therapy department. A completed time sheet must be signed by the therapist at the observation site. Time sheets and a list of observations sites are available in the radiation therapy office. Observation site placement is the student's responsibility and can be completed at any radiation therapy department.
- Submit a minimum of 2 letters of reference forms from radiations therapists in the department where the student observed and 1 letter of reference form from a teacher and/or an employer. Reference forms are available from the radiation therapy office. All letters of reference must use the reference form. No other letters will be accepted. All letters of reference must be mailed to National University/Radiation Therapy, 3390 Harbor Blvd., Costa Mesa, CA 92626.
- Submit a separate application for admissions to the Department of Health Science, Radiation Therapy major.
- Complete the written essay describing motivation to be a radiation therapist. Maximum one page, 12 point font, 1.5 spacing.
- Submit a current resume with application.
- Interview with the Radiation Therapy Admissions Committee.
- Have been formally evaluated by the University Office of the Registrar.
- Completed all General Education in all Areas A-G prior to the start of the program.

* Application is found in the student portal under e-forms.

***Note:** According to California Department of Public Health requirements, a student must be at least 18 years of age to participate in Clinical Internship.

***Note:** Meeting the minimum requirements, as listed above, does not guarantee admissions into the radiation therapy program.

Admission Process

Admission to the radiation therapy program is a three-step process: 1) Application to the University; 2) Application to the respective radiation therapy program; and 3) Participation in an interview with the Radiation Therapy Program Admission Committee. Prospective students should follow the University application requirements listed in the general admission procedures section of this catalog. In addition, prospective radiation therapy students will complete a separate application for admission. These applications, with supporting documentation, are accepted in January and should be sent to the Radiation Therapy Program Director. A minimum GPA of 2.50 is required for entry into the Radiation Therapy Program.

A prospective student should first meet with an advisor. Advisors are located at each of the University campus offices. The prospective student will arrange to have transcripts from all other colleges and universities sent to National University. These courses will be evaluated by the Registrar's Office for equivalency to National University Department of Radiation Therapy required prerequisite courses. All prospective students will enroll in RTT 201 Introduction to Radiation Therapy. This course will review all aspects of the Radiation Therapy curriculum and program and profession to provide applicants with a knowledge base to form their decision to enter the program.

A Calculation Worksheet will be used to evaluate each prospective student's application packet by the Radiation Therapy Admissions Committee. The prospective student will be ranked in comparison to the other applicants during that application year.

The scoring will be based on:

- Quality of grades in the prerequisite courses.
- Number of attempts to achieve a passing grade in the prerequisite courses.
- Ranking of the recommendation letters.
- Number of hours of clinical observation.
- Knowledge of the profession.
- Written essay included with the application packet.
- Ranked interview.

Once all prospective students for a given year have been interviewed, the Radia-

tion Therapy Admissions Committee will rank applicants based on the interview and application materials. The highest ranked individuals will be admitted to the program until all class positions are filled. There is no waiting list.

Students who are not accepted may re-apply for admissions process in the following year. They are encouraged to speak with the Program Director about strategies to strengthen their application. Before participating in clinical internship, students must submit proof of the Radiation Therapy Health Clearance, current health insurance and current Cardio-Pulmonary Resuscitation (CPR) certificate from the American Heart Association (BLS-Basic Life Support for Health Care Providers). Students are responsible for determining if their health insurance coverage includes provisions for emergency room visits in the event of a needle stick or other injury in the clinical setting. Students are responsible for meeting all of the above requirements.

Background Checks

Radiation therapy departments used by the Radiation Therapy Option require criminal background and drug screening prior to internship. Students who do not pass the background check and/or drug test may be unable to attend the internship, therefore, may be unable to complete the program of study. Any fee or cost associated with background checks and/or drug testing is the responsibility of the student. Students will need to provide their own transportation to class and clinical internship. Proof of auto insurance and a valid, driver's license is required.

Students successfully completing the Radiation Therapy Program will be eligible to apply for state and national examinations. Application for the national exam will be provided in the last course of the Program. Students are responsible for submitting applications and fees to the State of California and the American Registry of Radiologic Technologists (ARRT).

Degree Requirements

To receive a Bachelor of Science degree in Radiation Therapy, 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 a minimum 70.5 units of the University General Education requirements. In the absence of transfer credit, additional general education electives may be necessary to satisfy total units for the degree. Refer to the section on undergraduate admission requirements for specific information regarding admission and matriculation.

Preparation for the Major (12 courses; 42.75 quarter units)

- MTH 215* College Algebra & Trigonometry
Prerequisite: Accuplacer test placement evaluation or MTH 12A, and MTH 12B
- BST 322* Intro to Biomedical Statistics
- BIO 161* General Biology I
- BIO 201* Human Anatomy & Physiol I
Recommended: Prior completion of: BIO 100, BIO 100A, CHE 101, 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 and BIO 201A, BIO 100 and 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 and BIO 201A, BIO 202 and BIO 202A, BIO 100 and BIO 100A, CHE 101 and CHE 101A or equivalent courses
- BIO 203A* Introductory Microbiology Lab (1.5 quarter units)
Prerequisite: BIO 203
- PHS 181 Physics for Non-Sci Majors I
Prerequisite: 2 years of high school algebra and MTH 204 or MTH

215 or MTH 216A or MTH 216B

or

PHS 171* General Physics 1
Prerequisite: MTH 215 or MTH 216A and MTH 216B

PHS 182 Physics for Non-Sci Majors II
Prerequisite: PHS 181

or

PHS 172* General Physics 2
Prerequisite: PHS 171

RTT 201 Introduction to Radiation Ther (2.25 quarter units)

* May be used to satisfy General Education requirements.

Requirements for the Major (21 courses; 73.5 quarter units)

- RTT 310 Sectional/Topographic Anatomy
Prerequisite: BIO 201 with a minimum grade of C and BIO 202 with a minimum grade of C
- RTT 300 Medical Imaging
Prerequisite: RTT 201 with a minimum grade of C and Acceptance into the Radiation Therapy Program
- RTT 305 Patient Care I (3 quarter units)
Prerequisite: BIO 201 with a minimum grade of C, BIO 202 with a minimum grade of C, BIO 203 with a minimum grade of C and RTT 300 with a minimum grade of C; Corequisite: RTT 320
- RTT 320 Pro Ethics and Legal Issues (1.5 quarter units)
Prerequisite: RTT 300, Corequisite: RTT 305
- RTT 315 Clinical Concepts I
Prerequisite: RTT 305 with a minimum grade of C and RTT 306 with a minimum grade of C
- RTT 480 Internship I
Prerequisite: RTT 300 with a minimum grade of C, RTT 305 with a minimum grade of C, RTT 306 with a minimum grade of C, RTT 310 with a minimum grade of C, and RTT 320 with a minimum grade of C
- RTT 410 Clinical Radiation Physics I
Prerequisite: MTH 215 with a minimum grade of C, PHS 171 with a minimum grade of C, and RTT 300 with a minimum grade of C
- RTT 411 Clinical Radiation Physics II
Prerequisite: RTT 410 with a minimum grade of C
- RTT 306 Patient Care II
Prerequisite: RTT 305 with a minimum grade of C
- RTT 415 Clinical Oncology I (2.25 quarter units)
Prerequisite: RTT 305 with a minimum grade of C, RTT 306 with a minimum grade of C, RTT 310 with a minimum grade of C, and RTT 480 with a minimum grade of C; Corequisite: RTT 316
- RTT 316 Clinical Concepts II (2.25 quarter units)
Prerequisite: RTT 315 with a minimum grade of C, RTT 480; Corequisite: RTT 415
- RTT 416 Clinical Oncology II (2.25 quarter units)
Prerequisite: RTT 415 with a minimum grade of C
- RTT 317 Clinical Concepts III (2.25 quarter units)
Prerequisite: RTT 316 with a minimum grade of C; Corequisite: RTT 416
- RTT 481 Internship II
Prerequisite: RTT 480 with a minimum grade of S
- RTT 420 Radiation Biology (3 quarter units)
Prerequisite: RTT 410 with a minimum grade of C, RTT 411 with a

minimum grade of C, RTT 415 with a minimum grade of C, RTT 416 with a minimum grade of C, and RTT 481 with a minimum grade of C; Corequisite: RTT 460

- RTT 460 Operational Issues (1.5 quarter units)
Prerequisite: RTT 316 with a minimum grade of C, and RTT 416 with a minimum grade of C; *Corequisite:* RTT 420
- RTT 455 Medical Dosimetry
Prerequisite: RTT 315 with a minimum grade of C, RTT 316 with a minimum grade of C, RTT 317 with a minimum grade of C, RTT 410 with a minimum grade of C, and RTT 411 with a minimum grade of C
- RTT 440 Research in Radiation Therapy (2.25 quarter units)
Prerequisite: BST 322 with a minimum grade of C, RTT 315 with a minimum grade of C, RTT 316 with a minimum grade of C, RTT 317 with a minimum grade of C, RTT 410 with a minimum grade of C, RTT 411 with a minimum grade of C, RTT 415 with a minimum grade of C, and RTT 416 with a minimum grade of C; *Corequisite:* RTT 450
- RTT 450 Quality Management (2.25 quarter units)
Prerequisite: RTT 410 with a minimum grade of C and RTT 411 with a minimum grade of C; *Corequisite:* RTT 440
- RTT 482 Internship III (6 quarter units)
Prerequisite: RTT 481 with a minimum grade of S
- RTT 490 Advanced Capstone
Prerequisite: Completion of major requirements.

BACHELOR OF SCIENCE IN NURSING GENERIC ENTRY (BSN) (California) *Faculty Advisor: Diane Breckenridge; (858) 521-3914; dbreckenridge@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 transcultural 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:

- Formulate accurate nursing diagnoses based on multiple sources of collected data.
- Plan, implement, and evaluate strategies with patient-related identified nursing diagnoses.
- Work with families across the lifespan to identify learning needs and implement teaching strategies to achieve mutually defined healthcare goals.
- Manage multiple patients in a variety of settings by prioritizing and appropriately using/incorporating available resources.
- Effectively communicate with both patients/families and other members of the healthcare team.
- Assume professional, ethical, and legal behavior upholding the standards of entry into the profession.
- Practice professional nursing using theory and knowledge as a basis for practice.
- Demonstrate competency by meeting standards of care in providing nursing care to a diverse set of clients in a multicultural community.
- Demonstrate competency and leadership in organizing care for a caseload of clients.
- Analyze and synthesize current findings from nursing research and research in related fields.
- Evaluate current findings from relevant research for utilization in practice.
- 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.

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, B, C, D, E, and F);

AREA A: ENGLISH COMMUNICATION (10.5 quarter units)

Category 1 – Writing (6 quarter units)

- ENG 100 Effective College English I (3 quarter units)
Prerequisite: Satisfactory performance on Accuplacer
- ENG 101 Effective College English II (3 quarter units)
Prerequisite: ENG 100

Category 2 – Speech and Communication (4.5 quarter units)

- COM 103 Public Speaking

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

- BST 322 Intro to Biomedical Statistics

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

- ILR 260 Information Literacy
Prerequisite: ENG 100 and ENG 101

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

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

For the remaining 9 units, see the General Education section of the catalog for applicable courses

AREA E: SOCIAL AND BEHAVIORAL SCIENCES (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 (18 quarter units)

- BIO 201 Human Anatomy & Physiol I
Recommended: Prior completion of: BIO 100, BIO 100A, CHE 101, 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 and BIO 201A, BIO 100 and 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, and BIO 201A, BIO 202, and BIO 202A, BIO 100, and 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 (4.5 quarter units)

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

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

Preparation for the Major (9 courses; 36 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

NSG 403 Nursing Theories and Models
Recommended Preparation: Nursing Student Group

NSG 211T Health Assessment (3 quarter units)
Recommended Preparation: Nursing Student Group, Prerequisite: Admission to nursing program and completion of required general education preparation with a minimum GPA 2.75

NSG 211A Health Assessment Clinical (1.5 quarter units)
Recommended Preparation: Nursing Student Group

NSG 304 Pharmacology in Nursing
Recommended Preparation: Nursing Student Group

NSG 422 Nursing Research
Prerequisite: BST 322

NSG 200 Foundations of Nursing
Prerequisite: "C" or better in NSG 211T and "S" in NSG 211A, Corequisite: NSG 200A

NSG 200A Foundations Clinical Lab
Prerequisite: "C" or better in NSG211T and "S" in NSG 211A.

NSG 205 Medical-Surgical Nursing I
Prerequisite: NSG 200 and NSG 200A or NSG 204 and NSG 204A

NSG 205A Medical-Surgical I Clinical
Prerequisite: NSG 200 and NSG 200A or NSG 204 and NSG 204A

Nursing Core Courses (14 quarter units; 60 quarter units)

NSG 320 Medical-Surgical Nursing II
Prerequisite: "C" or better in NSG 315 and "S" in NSG 315A

NSG 320A Medical-Surgical II Clinical
Prerequisite: "C" or better in NSG 315 and "S" in NSG 315A

NSG 314 Child-bearing Family Nursing
Prerequisite: "C" or better in NSG 205 and "S" in NSG 205A

NSG 314A Child-bearing Family Clinical
Prerequisite: "C" or better in NSG 205 and "S" in NSG 205A

NSG 315 Pediatric Nursing
Prerequisite: NSG 314 and NSG 314A

NSG 315A Pediatric Nursing Clinical

Prerequisite: NSG 314 and NSG 314A

NSG 325 Psychosocial Nursing
Prerequisite: "C" or better in NSG 320 and "S" in NSG 320A

NSG 325A Psychosocial Nursing Clinical
Prerequisite: "C" or better in NSG 320 and "S" in NSG 320A

NSG 412*** Community Healthcare Delivery

NSG 411*** Community Health Frameworks
Prerequisite: NSG 412

NSG 410*** Community: Population Focus
Prerequisite: NSG 411

NSG 340 Nursing Leadership/Management
Prerequisite: "C" or better in NSG 325 and "S" in NSG 325A

NSG 340A Leadership/Management Clinical (1.5 quarter units)
Prerequisite: "C" or better in NSG 325 and "S" in NSG 325A

NSG 440 Professional Issues in Nursing
*** This course requires a clinical practicum of 32 hours

BACHELOR OF SCIENCE IN NURSING (BSN) POST-BACHELOR DEGREE (California)

Faculty Advisor: Diane Breckenridge; (858) 521-3914; dbreckenridge@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:

- Formulate accurate nursing diagnoses based on multiple sources of collected data.
- Plan, implement, and evaluate strategies with patient-related identified nursing diagnoses.
- Work with families across the lifespan to identify learning needs and implement teaching strategies to achieve mutually defined healthcare goals.
- Manage multiple patients in a variety of settings by prioritizing and appropriately using/incorporating available resources.
- Effectively communicate with both patients/families and other members of the healthcare team.
- Assume professional, ethical, and legal behavior upholding the standards of entry into the profession.
- Practice professional nursing using theory and knowledge as a basis for practice.
- Demonstrate competency by meeting standards of care in providing nursing care to a diverse set of clients in a multicultural community.
- Demonstrate competency and leadership in organizing care for a caseload of clients.
- Analyze and synthesize current findings from nursing research and research in related fields.
- Evaluate current findings from relevant research for utilization in practice.
- 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.

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-

idence 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; 72 quarter units)**

COM 103	Public Speaking
BST 322	Intro to Biomedical Statistics
PSY 100	Introduction to Psychology
SOC 100	Principles of Sociology <i>Prerequisite: ENG 100 and ENG 101</i>
BIO 201	Human Anatomy & Physiol I <i>Recommended: Prior completion of: BIO 100, BIO 100A, CHE 101, CHE 101A or equivalent courses.</i>
BIO 201A	Human Anatomy & Physiol Lab I (1.5 quarter units) <i>Prerequisite: BIO 201</i>
BIO 202	Human Anatomy & Physiol II <i>Recommended: Prior completion of: BIO 201 and BIO 201A, BIO 100 and BIO 100A, CHE 101 and CHE 101A or equivalent courses</i>
BIO 202A	Human Anatomy & Physiol Lab II (1.5 quarter units) <i>Prerequisite: BIO 202</i>
BIO 203	Introductory Microbiology <i>Recommended: Prior completion of: BIO 201 and BIO 201A, BIO 202 and BIO 202A, BIO 100 and BIO 100A, CHE 101 and CHE 101A or equivalent courses</i>
BIO 203A	Introductory Microbiology Lab (1.5 quarter units) <i>Prerequisite: BIO 203</i>
NSG 403	Nursing Theories and Models <i>Recommended Preparation: Nursing Student Group</i>
NSG 211T**	Health Assessment (3 quarter units) <i>Prerequisite: Admission to nursing program and completion of required general education preparation with a minimum GPA 2.75</i>
NSG 211A**	Health Assessment Clinical (1.5 quarter units) <i>Recommended Preparation: Nursing Student Group</i>
NSG 304	Pharmacology in Nursing <i>Recommended Preparation: Nursing Student Group</i>
NSG 422	Nursing Research <i>Prerequisite: BST 322</i>
NSG 200	Foundations of Nursing <i>Prerequisite: "C" or better in NSG 211T and "S" in NSG 211A, Corequisite: NSG 200A</i>
NSG 200A	Foundations Clinical Lab <i>Prerequisite: "C" or better in NSG211T and "S" in NSG 211A.</i>
NSG 205	Medical-Surgical Nursing I <i>Prerequisite: NSG 200, and NSG 200A, or NSG 204, and NSG 204A</i>
NSG 205A	Medical-Surgical I Clinical <i>Prerequisite: NSG 200, and NSG 200A, or NSG 204, and NSG 204A</i>

**Nursing Core Courses
(14 courses; 60 quarter units)**

NSG 320	Medical-Surgical Nursing II
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Prerequisite: "C" or better in NSG 315 and "S" in NSG 315A

NSG 320A	Medical-Surgical II Clinical <i>Prerequisite: "C" or better in NSG 315 and "S" in NSG 315A</i>
NSG 314	Child-bearing Family Nursing <i>Prerequisite: "C" or better in NSG 205 and "S" in NSG 205A</i>
NSG 314A	Child-bearing Family Clinical <i>Prerequisite: "C" or better in NSG 205 and "S" in NSG 205A</i>
NSG 315	Pediatric Nursing <i>Prerequisite: NSG 314 and NSG 314A</i>
NSG 315A	Pediatric Nursing Clinical <i>Prerequisite: NSG 314 and NSG 314A</i>
NSG 325	Psychosocial Nursing <i>Prerequisite: "C" or better in NSG 320 and "S" in NSG 320A</i>
NSG 325A	Psychosocial Nursing Clinical <i>Prerequisite: "C" or better in NSG 320 and "S" in NSG 320A or see specific degree</i>
NSG 412***	Community Healthcare Delivery
NSG 411***	Community Health Frameworks <i>Prerequisite: NSG 412</i>
NSG 410***	Community: Population Focus <i>Prerequisite: NSG 411</i>
NSG 340	Nursing Leadership/Management <i>Prerequisite: "C" or better in NSG 325 and "S" in NSG 325A</i>
NSG 340A	Leadership/Management Clinical (1.5 quarter units) <i>Prerequisite: "C" or better in NSG 325 and "S" in NSG 325A</i>
NSG 440	Professional Issues in Nursing

*** This course requires a clinical practicum of 32 hours

LICENSED VOCATIONAL NURSE TO BACHELOR OF SCIENCE IN NURSING (LVN-TO-BSN) (California)

Faculty Advisor: Diane Breckenridge; (858) 521-3914; dbreckenridge@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:

- Formulate accurate nursing diagnoses based on multiple sources of collected data.
- Plan, implement, and evaluate strategies with patient-related identified nursing diagnoses.
- Work with families across the lifespan to identify learning needs and implement teaching strategies to achieve mutually defined healthcare goals.
- Manage multiple patients in a variety of settings by prioritizing and appro-

priately using/incorporating available resources.

- Effectively communicate with both patients/families and other members of the healthcare team.
- Assume professional, ethical, and legal behavior upholding the standards of entry into the profession.
- Practice professional nursing using theory and knowledge as a basis for practice.
- Demonstrate competency by meeting standards of care in providing nursing care to a diverse set of clients in a multicultural community.
- Demonstrate competency and leadership in organizing care for a caseload of clients.
- Analyze and synthesize current findings from nursing research and research in related fields.
- Evaluate current findings from relevant research for utilization in practice.
- 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.

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. 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.

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 (10.5 quarter units)

CATEGORY 1 – Writing (6 quarter units)

ENG 100 Effective College English I (3 quarter units)
Prerequisite: Satisfactory performance on Accuplacer

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

CATEGORY 2 – Speech and Communication (4.5 quarter units)

COM 103 Public Speaking

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

BST 322 Intro to Biomedical Statistics

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

ILR 260 Information Literacy
Prerequisite: ENG 100 and ENG 101

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

SPN 340A Spanish for the Work Place

SPN 341 Cross-Cultural Communication

For the remaining 9 units, see the General Education section of the catalog for applicable courses

AREA E: SOCIAL AND BEHAVIORAL SCIENCES (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 (18 quarter units)

BIO 201 Human Anatomy & Physiol I
Recommended: Prior completion of: BIO 100, BIO 100A, CHE 101, 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 and BIO 201A, BIO 100 and 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 and BIO 201A, BIO 202 and BIO 202A, BIO 100 and 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 (4.5 quarter units)

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

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

Nursing Core Courses (16 courses; 64.5 quarter units)

NSG 310 Professional Nursing Values
Recommended Preparation: Nursing Student Group

NSG 403 Nursing Theories and Models
Recommended Preparation: Nursing Student Group

NSG 211T Health Assessment (3 quarter units)
Recommended Preparation: Nursing Student Group, Prerequisite: Admission to nursing program and completion of required general education preparation with a minimum GPA 2.75

NSG 211A Health Assessment Clinical (1.5 quarter units)
Recommended Preparation: Nursing Student Group

NSG 404 Pharmacology for Nurses
Recommended Preparation: Nursing Student Group

NSG 422 Nursing Research
Prerequisite: BST 322

NSG 320 Medical-Surgical Nursing II
Prerequisite: C" or better in NSG 315 and "S" in NSG 315A

NSG 320A	Medical-Surgical II Clinical <i>Prerequisite: "C" or better in NSG 315 and "S" in NSG 315A</i>
NSG 325	Psychosocial Nursing <i>Prerequisite: "C" or better in NSG 320 and "S" in NSG 320A</i>
NSG 325A	Psychosocial Nursing Clinical <i>Prerequisite: "C" or better in NSG 320 and "S" in NSG 320A</i>
NSG 412***	Community Healthcare Delivery
NSG 411***	Community Health Frameworks <i>Prerequisite: NSG 412</i>
NSG 410***	Community: Population Focus <i>Prerequisite: NSG 411</i>
NSG 340	Nursing Leadership/Management <i>Prerequisite: "C" or better in NSG 325 and "S" in NSG 325A</i>
NSG 340A	Leadership/Management Clinical (1.5 quarter units) <i>Prerequisite: "C" or better in NSG 325 and "S" in NSG 325A</i>
NSG 440	Professional Issues in Nursing

*** This course requires a clinical practicum of 32 hours

MASTER OF SCIENCE IN NURSING

Faculty Advisor: Diane Breckenridge; (858) 521-3914; dbreckenridge@nu.edu

Modified Program

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.

Admission Requirements

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

- Meet the University requirements for graduate study, listed in the General Catalog under admission requirements
- Hold a BSN degree from a State Board of Nursing approved and accredited school of nursing (State Board of Nursing, and CCNE and/or ACEN)
- Provide proof of current, active, and unencumbered RN license in the State of residence
- Have completed the following prerequisite courses:
 - BST 322 or an undergraduate course in biomedical statistics
 - NSG 422 or an equivalent undergraduate course in nursing research methodology and application
 - NSG 412, 411, & 410, or equivalent undergraduate coursework in Community Health Nursing
- Have a GPA of at least 3.0 on a 4.0 scale
- Have completed the University Application for Graduate Admissions, including the application fee
- Provide one official transcript from each college or university attended to the Nursing department
- Have completed the MSN online application.
- Have three letters of professional reference
- Provide evidence of current, active professional liability and malpractice insurance coverage throughout the program
- Provide evidence of specified immunizations, a report of a recent physical examination, and current BLS-AED certification

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.

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 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 a minimum of 58.5 graduate quarter units, with 45 of those units completed at National University. A total of 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.

Prerequisites

(5 courses; 22.5 quarter units)

BST 322	Intro to Biomedical Statistics
NSG 422	Nursing Research <i>Prerequisite: BST 322</i>
NSG 412	Community Healthcare Delivery
NSG 411	Community Health Frameworks <i>Prerequisite: NSG 412</i>
NSG 410	Community: Population Focus <i>Prerequisite: NSG 411</i>

Core Requirements

(6 courses; 27 quarter units)

Students should take all Core Courses before taking Specialization courses.

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

Specialization in Family Nurse Practitioner

Faculty Advisor: Alice Noquez; (858) 309-3406; anoquez@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. 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.

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.

Specialization Requirements (12 courses; 55.5 quarter units)

NSG 681 Advanced Physical Assessment (6 quarter units)

NSG 682 Advanced Pathophysiology

NSG 641 Advanced Pharmacology I

NSG 642 Advanced Pharmacology II

NSG 683A Primary Care of Adult and Aged
Corequisite: NSG 683B

NSG 683B Care of Adult & Aged Practicum
Corequisite: NSG 683A

NSG 680 Diversity Issues in APN

NSG 684A Primary Care-Women & Children
Corequisite: NSG 684B

NSG 684B Women and Children Practicum
Corequisite: NSG 684A

NSG 685A FNP Residency
Corequisite: NSG 685B

NSG 685B FNP Residency Practicum
Corequisite: NSG 685A

NSG 689 FNP Capstone

Specialization in Nursing Administration

Faculty Advisor: Barbara Piper; (858) 309-3469; bpiper@nu.edu

The Master of Science in Nursing - Nursing Administration specialization 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,

creating a learning culture that supports high quality and safe patient care, and a systems approach to management are considered from a variety of theoretical and practical perspectives.

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 health care delivery systems.
- Employ best evidence and nursing judgment to make sound and ethical decisions that advance the quality and safety of nursing care and care delivery systems.
- Create and implement a plan for day-to-day operations for a clinical facility in order to maintain accreditation, to 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 nurses and other members of the health care team in order to facilitate excellence in patient care services to diverse patient populations.
- Lead in the continuous improvement of quality and safety in patient care organizations.
- Develop an organizational culture that engenders lifelong learning, quality, safety, and competence in a clinical care organization.

Specialization Requirements (7 courses; 31.5 quarter units)

Students take the MSN Core courses, then take the Specialization courses. The Practicum course is the final course of the program; all other courses must be taken before the practicum.

NSG 650 Clin Informatics Foundations
Recommended: Prior completion of All MSN Core courses.

NSG 671 Leadership and Management
Prerequisite: Must have completed all MSN Core Courses.

NSG 672 Clinical Personnel Admin

NSG 673 Fiscal Mgmt in Clin Operations
Prerequisite: NSG 672 with a minimum grade of B-

NSG 674 Clinical Operations Mgmt
Prerequisite: NSG 673 with a minimum grade of B-

NSG 693A Admin Practicum I
Prerequisite: All MSN Core courses and Nursing Administration courses with a minimum grade of B-.

NSG 693B Admin Practicum II
Prerequisite: NSG 693A

Specialization in Nursing Informatics

Faculty Advisor: Barbara Piper; (858) 309-3469; bpiper@nu.edu

The Specialization in Nursing Informatics is designed for nurses who seek advanced education in nursing 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 nursing 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.

Program Learning Outcomes

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

- Collaborate with practitioners, educators, administrators, and researchers, to conduct a needs assessment, plan, design, transition and evaluate information systems and innovative technologies.

- Employ evidenced based practice resources and references to support the adoption and use of healthcare technologies for nurses 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.
- Lead nursing and staff development educational and innovation-oriented programs associated with technology adoption in health care settings.
- Evaluate the healthcare technology environment to ensure compliance with ethical, legal and regulatory mandates and professional standards for advanced nursing practice.

Specialization Requirements (7 courses; 31.5 quarter units)

- NSG 650 Clin Informatics Foundations
Recommended: Prior completion of All MSN Core courses.
- NSG 656 Systems Life Cycle
- NSG 657 Clinical Database Systems
- NSG 658 Clinical Data Standards
- NSG 660 Clinical Decision Support
- NSG 692A Informatics Practicum I
Prerequisite: All Core courses and Nursing Informatics courses with a minimum grade of B-
- NSG 692B Informatics Practicum II
Prerequisite: NSG 692A with a minimum grade of B-

SCHOOL OF EDUCATION

MASTER OF ARTS IN TEACHING

Specialization in Reading

Faculty Advisor: Marilyn Moore; (858) 642-8301; mmoore@nu.edu

Modified Program

This four-course sequence is designed to meet the needs of teachers who already have a valid teaching credential, have two-years full-time teaching experience and want to attain a specialty in assessing student reading capabilities and provide appropriate reading instruction in response to those assessments (MAT 640C is the capstone course and replaces the general MAT 640 required for the Master of Arts in Teaching.)

Specialization Requirements (4 courses; 18 quarter units)

- MAT 645 Dev. Fluency in Reading
- MAT 646 Comprehension Strategies
- MAT 647A Lang Arts Assess and Instruc I
Prerequisite: MAT 645, and MAT 646
- MAT 647B Fld St: Lag Art Assess & In II
Prerequisite: MAT 645, MAT 646, and MAT 647

Candidates in the Reading Specialization are required to upload assignments in the Reading Specialization Electronic Presentation Portfolio.

Completion of the reading specialization may qualify candidates for a state of California Added Authorization in Reading. Upon successful completion, the candidate should contact their credential program specialist for information about applying for the California Reading Certificate Added Authorization. All courses must be taken at National University. No coursework is accepted from another university for this program and no substitutions are allowed.

MASTER OF EDUCATION WITH NEVADA ELEMENTARY LICENSURE

Faculty Advisor: Donna Elder; (818) 783-6781; delder@nu.edu

Modified Program

The Master of Education with Nevada Elementary Licensure is designed for students who are committed to being instructional leaders in the K-8 setting. Courses for this degree meet the Nevada Department of Education requirements for an initial teaching license. They also meet requirements for a master's degree from National University that inter-relates theory and practice as well as promotes life-long learning. The program is intended for students who want to obtain an initial teaching license and master's degree at the same time.

The student teaching courses are required for the initial teaching license. Students must have met subject matter competency prior to student teaching. Elementary and Secondary Education teacher candidates meet subject matter competence by passing the appropriate PRAXIS II examinations. Candidates must meet all state requirements for the Elementary Education Teaching License to apply to the Nevada Department of Education for licensure.

An electronic portfolio is required for the assessment of all teacher licensure candidates. The purpose of the portfolio is for candidates to show how their work in teacher education is linked to their own competency in the InTASC Domains of Professional Competence. The portfolio must be reviewed and approved by a National University faculty member prior to exiting the licensure program.

Degree Requirements:

To receive a Master of Education with Nevada Elementary Licensure, students must complete at least 54 quarter units of graduate work, 40.5 of which must be taken in residence at National University. Students enrolled in the joint degree-licensure program will not be awarded the master's degree until they complete all graduate and licensure coursework, including student teaching.

Program Requirements for Degree and Nevada licensure (12 courses; 54 quarter units)

TED 640A, TED 640B and TED 649 do not grant graduate credit.

- TED 602 Educational Foundations
- SPD 604 Psychological Fdns of Educ.
- TED 606 Equity and Diversity
- SPD 608 Exceptionalities
- EDT 608 Technology in the Classroom
- TED 621A Lang. Dev. Methods: Elem. Sch.
Prerequisite: SPD 604, SPD 608, TED 602, TED 606, Pass CBEST and CSET
- TED 621B Reading/Lang. Arts Methods
Prerequisite: TED 621A
- TED 616A C&I I: History & Social Science
- TED 616B C&I II: Math & Science
- TED 616C C&I III: V & P Arts Health & PE
- TED 626 Classroom Management
Prerequisite: TED 623 or TED 621A
- TED 640A Student Teaching I (6 quarter units)
- TED 640B Student Teaching II (6 quarter units)
- TED 649 Student Teaching Seminar
- TED 690 Capstone
Prerequisite: TED 530B with a minimum grade of S or TED 628I with a minimum grade of S or TED 640B with a minimum grade of S or TED 628B with a minimum grade of S.

Course of Study

National University's Master of Education with Nevada Elementary Licensure is structured in four, intra- and inter-related areas: foundation courses, elementary

education method courses, student teaching courses, and research course. This curricular organization is developmental in theoretical knowledge, applied skills, field K-6 classroom experiences, and learning outcomes. As a result, teacher candidates move from the foundation block of courses, to the method courses before applying for student teaching. The research course is the last course in the degree. Candidates who successfully complete the Professional Teacher Preparation courses and related requirements will be eligible for a Nevada teaching license; those students who choose to earn a Master of Education degree must complete one additional course.

Foundation Courses

The five foundation courses are considered the foundation family because all the courses provide fundamental conceptual knowledge and skill, field experiences, and assessments. The foundation family is the theoretical basis for skill development and acquisition in the elementary education method courses. The courses that comprise this family are:

EDT 608 Technology in the Classroom

TED 602 Educational Foundations

SPD 604 Psychological Fdns of Educ.

TED 606 Equity and Diversity

SPD 608 Exceptionalities

Elementary Education Methods Courses

TED 621A Lang. Dev. Methods: Elem. Sch.
Prerequisite: SPD 604, SPD 608, TED 602, TED 606, Pass CBEST and CSET

TED 621B Reading/Lang. Arts Methods
Prerequisite: TED 621A

TED 616A C&I I:History & Social Science

TED 616B C&I II: Math & Science

TED 616C C&I III:V & P Arts Health & PE

TED 626 Classroom Management
Prerequisite: TED 623 or TED 621A

Student Teaching Courses

TED 649 Student Teaching Seminar

TED 640A Student Teaching I (6 quarter units)

TED 640B Student Teaching II (6 quarter units)

TED 649 is taken concurrently with TED 640A and TED 640B.

TED 640A, TED 640B and TED 649 do not grant graduate credit.

Master in Education

TED 690 Capstone
Prerequisite: TED 530B with a minimum grade of S or TED 628I with a minimum grade of S or TED 640B with a minimum grade of S or TED 628B with a minimum grade of S

MASTER OF EDUCATION WITH NEVADA SECONDARY LICENSURE

Faculty Advisor: Donna Elder; (818) 783-6781; delder@nu.edu

Modified Program

The Master of Education with Nevada Secondary Licensure is designed for students who are committed to being instructional leaders in grades 7-12 classrooms. Courses for this degree meet the Nevada Department of Education requirements for an initial teaching license. They also meet requirements for a master degree from National University that inter-relates theory and practice as well as promotes lifelong learning. The program is intended for students who want to obtain an initial teaching license and master degree at the same time. The student teaching courses are required for the initial teaching license. Students must have met sub-

ject matter competency prior to student teaching. Secondary Education teacher candidates meet subject matter competence by passing the appropriate PRAXIS II examinations. Candidates must meet all state requirements for the Secondary Education Teaching License to apply to the Nevada Department of Education for licensure. An electronic portfolio is required for the assessment of all teacher licensure candidates. The purpose of the portfolio is for candidates to show how their work in teacher education is linked to their own competency in the InTASC Domains of Professional Competence. The portfolio must be reviewed and approved by a National University faculty member prior to exiting the licensure program.

Degree Requirements

To receive a Master of Education with Nevada Secondary Licensure, students must complete at least 49.5 quarter units of graduate work, 40.5 of which must be taken in residence at National University. Students enrolled in the joint degree-licensure program will not be awarded the master's degree until they complete all graduate and licensure coursework, excluding student teaching, and student teaching seminar.

Program Requirements (11 courses; 49.5 quarter units)

TED 640A, TED 640B and TED 649 do not grant graduate credit.

TED 602 Educational Foundations

SPD 604 Psychological Fdns of Educ.

TED 606 Equity and Diversity

SPD 608 Exceptionalities

EDT 608 Technology in the Classroom

TED 623 Lang. Dev. Methods: Secondary
Prerequisite: TED 602, SPD 604, TED 606, SPD 608, Pass CBEST and CSET

TED 632 Content Area Curriculum
Prerequisite: TED 623

TED 633 Content Area Instruct-Assess
Prerequisite: TED 623 with a minimum grade of C

TED 634 Content Area Literacy
Prerequisite: TED 623

TED 626 Classroom Management
Prerequisite: TED 623 or TED 621A

TED 640A Student Teaching I (6 quarter units)

TED 640B Student Teaching II (6 quarter units)

TED 649 Student Teaching Seminar

TED 690 Capstone
Prerequisite: TED 530B with a minimum grade of S or TED 628I with a minimum grade of S or TED 640B with a minimum grade of S or TED 628B with a minimum grade of S.

Course of Study

National University's Master of Education with Nevada Secondary Licensure is structured in four, intra- and inter-related areas: foundation courses, secondary education method courses, student teaching courses, and research course. This curricular organization is developmental in theoretical knowledge, applied skills, G7-12 classroom experiences, and learning outcomes. As a result, teacher candidates move from the foundation block of courses, to the method courses before applying for student teaching. The research course is the last course in the degree. Candidates who successfully complete the Professional Teacher Preparation courses and related requirements will be eligible for a Nevada teaching license; those students who choose to earn a Master in Education degree must complete one additional course.

Foundation Courses

The five foundation courses build upon conceptual knowledge and skills, field experiences, and assessments. Teacher candidates will complete the five foundation courses prior to beginning the secondary education method courses.

- TED 602 Educational Foundations
- SPD 604 Psychological Fdns of Educ.
- TED 606 Equity and Diversity
- SPD 608 Exceptionalities
- EDT 608 Technology in the Classroom

Secondary Education Methods Courses

As with the foundations courses, the five secondary education (methods) pedagogy courses reflect adult learning theory and experiences. The method courses represent integrated coursework and field experiences designed to prepare candidates for the upcoming student teaching experiences in the grades 7-12 classrooms. Teacher candidate will move in a sequenced manner, from one course to another in the secondary education method block.

- TED 623 Lang. Dev. Methods: Secondary
Prerequisite: TED 602, SPD 604, TED 606, SPD 608, Pass CBEST and CSET
- TED 632 Content Area Curriculum
Prerequisite: TED 623
- TED 633 Content Area Instruct-Assess
Prerequisite: TED 623 with a minimum grade of C
- TED 634 Content Area Literacy
Prerequisite: TED 623
- TED 626 Classroom Management
Prerequisite: TED 623, or TED 621A

Student Teaching

- TED 649 Student Teaching Seminar
 - TED 640A Student Teaching I (6 quarter units)
 - TED 640B Student Teaching II (6 quarter units)
- TED 649 is taken concurrently with TED 640A and TED 640B.
TED 640A, TED 640B and TED 649 do not grant graduate credit.*

MASTER IN EDUCATION

- TED 690 Capstone
Prerequisite: TED 530B with a minimum grade of S or TED 628I with a minimum grade of S or TED 640B with a minimum grade of S or TED 628B with a minimum grade of S or U

MASTER OF SCIENCE IN SPECIAL EDUCATION WITH NEVADA LICENSURE AND ENDORSEMENT FOR GENERALIST RESOURCE ROOM

Faculty Advisor: Lucinda Kramer; (714) 429-5132; lkramer@nu.edu

Modified Program

The Master of Science in Special Education with Nevada Licensure and Endorsement for Generalist Resource Room is designed for students who are committed to being instructional leaders in the K-12 setting. Courses for this degree meet the Nevada Department of Education requirements for a teaching license. They also meet requirements for a master's degree from National University that inter-relates theory and practice and promotes lifelong learning. The program is intended for students who want to obtain an initial teaching license and master's degree at the same time.

The purpose of this Special Education endorsement program is to prepare students to instruct learners with disabilities in the K-12 system.

This Special Education endorsement program at National University is based on the premise that meeting the special instructional needs of students in today's schools requires knowledge of a wide array of teaching strategies, as no one strategy can meet the needs of every special needs student. Another major premise is that all prospective teachers must develop an awareness and acceptance of cultural, linguistic, ethnic, economic, gender, lifestyle, and ability differences. The program is designed to present a variety of research validated methods, techniques, and opportunities to develop knowledge and skills to create and implement instructional programs that will positively impact the learning of K-12 students with special needs across developmental domains.

The student teaching courses are required for the initial teaching license. Students must have met subject matter competency prior to student teaching. An electronic portfolio is required for the assessment of all teacher licensure candidates. The purpose of the portfolio is for candidates to show how their work in teacher education is linked to their own competency in the Domains of Professional Competence. The portfolio must be reviewed and approved by a National University faculty member prior to exiting the licensure program.

Application for a Nevada Teacher License

- Successful completion of the coursework with a minimum grade point average of 3.0 for graduate coursework. (Grades of "D" and "F" are not accepted.) All coursework must be completed within seven years to be accepted.
- Fulfillment of all financial obligations to the University before applying for the credential.
- Each candidate must have on file:
 - A zero account balance
 - Official transcripts from all colleges/universities attended
 - Passing score in PRAXIS I
 - Passing score in PRAXIS II: Principles of Learning and Teaching
 - Verification of subject matter competency with passing score reports on PRAXIS II.
- Proof of passing with a grade of "C" or better coursework or an examination covering the U.S. Constitution, Nevada Constitution, and Nevada School Law
- Written evaluations of performance in field experiences, internships, educational projects, student teaching and other practica

Program Learning Outcomes

- Upon successful completion of this program, students will be able to:
- Candidates demonstrate knowledge of typical and atypical development and characteristics of students with disabilities and other special needs.
- Candidates integrate fairness, equity, and access in designing the environment, teaching, and learning strategies to meet diverse student learning
- Candidates integrate best practices, apply learning theories, methodologies, technology tools, and assessments across content areas to manage, monitor, and engage student learning.
- Candidates demonstrate the ability to focus on student learning using technology tools through systematic study and reflection of one's own teaching practices and through shared knowledge gained from purposefully formed professional learning communities.
- Candidates demonstrate an understanding of effective leadership by advocating for exceptional individuals, including those with diverse needs and by collaborating within the learning community to advance professional practice.
- Candidates demonstrate competence in the application of research methods including critiquing and synthesizing current, evidence-based education literature.

Degree Requirements

To receive a Master of Science in Special Education with Nevada Licensure and Endorsement for Generalist Resource Room, students must complete at least 54 quarter units of graduate work, 40.5 of which must be taken in residence at National University. Students enrolled in the joint degree-licensure program will not be awarded the master's degree until they complete all graduate and licensure

coursework, excluding student teaching and student teaching seminar. Candidates in the program must demonstrate mastery of methods and techniques that accommodate the increasing diversity in contemporary Special Education and General Education programs where students with special needs are served.

Core Requirements (10 courses; 45 quarter units)

SPD 604	Psychological Fdns of Educ.
SPD 608	Exceptionalities
SPD 614	Classroom and Behavior Mgmt
SPD 618	Law, Transition, & Collab
SPD 622	Assessment
SPD 628	Teaching Reading/Lang Arts
SPD 630	Tech for Teaching & Learning
SPD 632	Charac/Instr Stds w/ M/M Disab
SPD 636	Teaching Math/Writing for M/M
SPD 674	Collaborative Partners <i>Prerequisite: ECSE Added-Authorization Candidates: Individuals who hold a preliminary, Level I, professional clear, clear, Level II, or life special education teaching credential may take this course.</i> <i>Autism Added-Authorization Candidates: Candidates completing the Add-on Authorization for Autism through CTC must hold a Special Education credential for this completed sequence to apply.</i> <i>Moderate/Severe Authorization Candidates: Must take this course as the last course in the Moderate/Severe program of study.</i>

Student Teaching (3 Courses; 11.25 units)

SPD681A, SPD681B, and SPD687A do not grant graduate credit.

SPD 681A	Nevada Student Teaching M/M <i>Prerequisite: Candidates must be enrolled in SPD 687A Clinical Practice Seminar concurrently with SPD 681 A, SPD 604, SPD 608, SPD 614, SPD 618, SPD 622, SPD 628, SPD 630, SPD 632, SPD 636, SPD 674, Student teaching candidates must have successfully completed all coursework in the licensure program (Corequisite, Core and Advanced Specialization Courses) with an overall GPA of 3.0 or better.</i>
SPD 687A	Portfolio Clinical Seminar (2.25 quarter units) <i>Prerequisite: Candidates must be enrolled in SPD 687A Clinical Practice Seminar concurrently with SPD 681A</i>
SPD 681B	Nevada Student Teaching M/M II <i>Prerequisite: SPD 681A, SPD 687A</i>

Project Courses (2 courses; 9 units)

SPD 695	Understanding Edu. Research
SPD 696	Capstone Project <i>Prerequisite: SPD 695</i>

DIVISION OF EXTENDED LEARNING

Undergraduate Certificate

New Faculty Advisor

Certificate in Professional Golf Management

Faculty Advisor: John Haggerty; (760) 268-1589; jhaggerty@nu.edu

Graduate Certificate

Reading Certificate (Added Authorization)

Faculty Advisor: Marilyn Moore; (858) 642-8301; mmoore@nu.edu

Program Modification

The Reading Certificate (Added Authorization) authorizes the holder to assess student reading and provide reading instruction in response to those assessments. Reading Certificate holders are also authorized to develop, implement, and adapt the reading content curriculum and assist classroom teachers in these areas. Holders of the Certificate may perform the above services at one or more school sites at the grade levels authorized by their prerequisite teaching credential.

Requirements for the Certificate

1. Hold a bachelor's or master's degree from a regionally accredited college or university with an overall grade point average of 2.5 or better was achieved, or where a grade point average of 2.75 or higher was achieved in the last 90-quarter units.
2. Possess a valid California teaching credential and two years full-time teaching experience.
3. Meet with Admission Advisor to enroll in the Reading Certificate (Added Authorization) program.
4. Meet with Credential Program Specialist within 30 days of enrollment to obtain reading certification application procedures. This packet provides detail on the additional requirements for the certificate listed below.
5. No coursework is accepted from another university for this program and no substitutions are allowed.
6. Candidates must maintain a 3.0 GPA. "D" and "F" grades are not accepted. Candidates are also required to upload assignments in the Reading Specialization electronic Presentation Portfolio in e-College.

Certificate Requirements

(4 courses; 18 quarter units)

MAT 645	Dev. Fluency in Reading
MAT 646	Comprehension Strategies
MAT 647A	Lang Arts Assess and Instruc I <i>Prerequisite: MAT 645 and MAT 646</i>
MAT 647B*	Fld St: Lag Art Assess & In II <i>Prerequisite: MAT 645, MAT 646, and MAT 647A</i>

Note: At the end of each course, candidates must have their instructor sign off on the competency verification e-forms. These verification forms must be completed for each course before applying for the certificate.

Completion Requirements for the CA Added Authorization

1. Provide verification of three years successful, full-time teaching experience in any grade or subject, preschool through adults. A letter or other appropriate documentation by the candidate's employer may provide verification. Acceptable experience does NOT include student teaching, internship teaching, or teaching while holding an emergency permit. This experience may also be gained outside of California.
2. Provide a copy of a teaching credential valid for a minimum of 12 months and have a non-delinquent student account balance
3. For each course, provide verification e-forms signed off by each course instructor.
4. After successful completion of the required coursework and a completed credential packet, the regional reading certificate coordinator will review

the packet for final approval. Once approval is obtained, please see your Credential Advisor to apply to the CTC for the certificate. A valid credit card for the online application fee is required.

*Candidates must maintain a 3.0 GPA. “D” and “F” grades are not accepted.

COURSE DESCRIPTIONS

BIO – Biology

BIO 110: Introduction to Human Biology

Fundamental concepts of cellular and human biology, including the chemistry of life, cellular organization, organ systems, human anatomy, and the use of the metric system to calculate biometric measurements.

COH – Community Health

COH 300: The Ecology of Public Health

Prerequisites: COH 100, COH 310, COH 320 PSY 100, SOC 100, BIO 203A

Consideration of the interrelationships and interdependencies between individuals, families, groups, organizations, communities, and societies and their effects on health status. High level wellness, health, and disease are distinguished. Concepts are developed based on the evolution of public health in civilizations as well as contemporary influences.

COH 310: Culture and Health

Prerequisites: ILR 260

Focus is on the influence of culture on illness, health, and rehabilitation. The relationship that culture plays in the health and wellness of both individuals and the community in which they live will be explored.

COH 315: Introduction to Epidemiology

Prerequisites: BST 322 ILR 260

Presents concepts and processes of this core public health discipline. Occurrence, distribution, effects, and control of diseases and conditions examined from a broad perspective. Applications of epidemiological methods included.

COH 317: Public Health Nutrition

Prerequisites: ILR 260, BIO 203A

Human nutrition is examined in the context of physical and emotional health across the lifespan. The cultural, economic and political context of nutrition in contemporary society is considered. Students develop a personal nutrition plan. Interventions designed to influence better eating habits in communities are examined.

COH 318: Drug Use and Abuse

Prerequisites: ILR 260, BIO 203A

Social, psychological, behavioral and physiological impacts of psychoactive drug use and abuse explored. Impacts of specific drugs on health status examined. Educational programs, public policy and treatment of addiction considered.

COH 319: Human Sexuality

Prerequisites: ILR 260, BIO 203A

An exploration of the biological, psychological and sociological aspects of human sexuality. Development of a personal sexual philosophy, informed personal choice, awareness, tolerance and respect for sexual diversity. Critical analysis of research, information and public policy regarding sexuality.

COH 320: Chronic & Communicable Disease

Prerequisites: ILR 260

Introduction to concepts of pathological process from a public health viewpoint. Consideration of historical and contemporary disease patterns based on an understanding of pathogenic, behavioral, and environmental dimensions.

COH 321: Health Behavior

Prerequisites: ILR 260

Considers the significant influence that individual and collective behavior exerts on health status. Relationships of behavior and social variables are examined, including natural and built environments, economics, and public policy.

COH 400: Environmental Health

Prerequisites: COH 380

Focus is on the foundations of environmental science and environmental issues. Global climate change, agriculture, biodiversity, resource management, environmental toxins, waste management, and other topics will be explored.

COH 412: Injury Prevention

Prerequisites: COH 401

Occurrence and distribution of intentional and unintentional injuries in society and in selected population groups considered. Multiple physical, behavioral, social, and other variables contributing to injuries examined. Effective means for anticipating and preventing injuries identified.

COH 416: PH & Physical Activity

Prerequisites: COH 401

Challenges to establishing and maintaining a physically active lifestyle in society examined. Physical, psychological, and social benefits of habitual physical activities considered. Public health impacts of sedentary living presented. Interventions to improve physical activity assessed.

COH 422: Global Health Promotion

Prerequisites: COH 401

Behavioral, environmental, and public policy factors affecting populations. Transportation, emigration, and immigration patterns affect health status. Substantial differences in health status among world's population examined. Course presents a broad understanding of the global aspects of health promotion.

COH 430: HP Strategies & Tactics

Prerequisites: COH 401

Methodologies to implement health promotion programs emphasized. Levels of intervention, from individual to society, are shown. Criteria for selecting methodologies presented.

COH 435: PH Communications & Advocacy

Prerequisites: COH 430

Means for influencing social environments and public policy affecting public wellbeing. Reaching identified target audiences through a variety of strategies examined. Successful communications and advocacy campaigns reviewed.

COH 440: Preparedness & Disaster Mgmt

Prerequisites: COH 401

Introductory study of the public health response to disasters at all levels of county, state and federal government. Emergency planning and management relative to human made and natural disasters will be explored. Students complete risk analysis, manage disaster preparation efforts, identify and analyze potential disasters, provide corrective action, plan, organize and implement contingency and recovery programs.

COH 499: Public Health Field Practicum

Prerequisites: COH 100, COH 300, COH 310, COH 315, COH 320, COH 321, COH 380, COH 400, COH 401, COH 412, COH 416, COH 317, COH 318, COH 319, COH 422, COH 430, COH 435, and COH 440

Practical application of knowledge and skills required for a public health professional in a community agency. Students initiate agreement with an agency according to interests, abilities, and availability of approved internship sites and produce a group or individual written project addressing a significant public health challenge. Two month requirement.

COH 609: PH Program Evaluation

Prerequisites: COH 607 or COH 616

Fundamentals of evaluation methods applied to public health interventions. Effective use of measurement tools to evaluate achievement of program goals and objectives. Includes analysis of validity and reliability of measurement instruments. Emphasis on reach, effectiveness, acceptance, implementation and maintenance of community programs. Includes fundamentals of proposal development. is an introductory educational research course designed to provide knowledge, skills, and dispositions required for students to develop a thesis proposal for the MS Higher Education Administration program. The course requires that students utilize a high level of library skills and computer technology to locate relevant research and literature. The course is scheduled for two months and is an online course with synchronous communication – Class Live Pro – sessions.

COM – Communications

COM 300: Interpersonal Communication

Prerequisites: ENG 101

Examines the theory and research behind interpersonal communication. Explores communication processes in dyads, small groups, and teams, and in organizational settings. Teaches skills to improve students' communication competence in both personal and professional environments. The course also covers self-awareness, self-disclosure, relational development, and conflict resolution.

COM 305: Intercultural Communication

Prerequisites: ENG 101

Looks at communication across cultures and considers how culture influences communication. Focuses on the dynamics of cross-cultural face-to-face interaction, conflict styles across cultures, societal influences on ethnocentrism and racism, cultural value orientations, non-verbal dimensions of communication, language interaction, stereotypes, relationship development, and cultural adaptation.

COM 310: Communication Theory

Prerequisites: ENG 101

Provides a broad survey of the theoretical approaches employed in the study of communication. Focuses on theories relevant to many levels of interaction from interpersonal to mass and mediated communication. Also explores how and why theories are developed and how they can be evaluated.

COM 315: Communication Research Methods

Prerequisites: ENG 101

Introduces students to quantitative and qualitative communication research methods to enable them to become competent evaluators, designers, and authors of research. Teaches the fundamental principles of communication research, providing learners with the knowledge base and experience to answer questions in the practice of professional communication.

COM 385: Interactive Storytelling

Prerequisites: ENG 101

Introduces the evolution of storytelling, from oral delivery to written and interactive texts, and transmedia publication. Examines the effects of this evolution on storytellers and participants. Offers hands-on creation of online identities and texts.

COM 394: Strategic Writing

Prerequisites: ENG 101

Teaches strategic writing and presentation for traditional and new media platforms. Provides students practice in creating content that meets organizational objectives, and in applying communication theory and persuasion techniques. Learners develop content for advertising, PR, and corporate communications.

COM 400: Mediated Messaging

Prerequisites: COM 385 and COM 394

Course examines 21st-century mediated communication systems and technology. Theory and methods used in creating, shaping, encoding, and transmitting mediated messages for personal and professional communications are examined. Software and skills for encoding mediated messages into text, graphics, audio, and video are learned and practiced.

COM 402: Communication Technologies

Prerequisites: ENG 101

Examines communication technologies and their effects on society. Looks at the history of such systems: how they emerged, diffused, and evolved. Covers current systems, with an emphasis on how the Internet and other new platforms are changing media, education, business, and politics around the world.

COM 441: Communication Strategies

Prerequisites: COM 334

Synthesizes principles and strategies used to develop PR and integrated advertising messages used in the planning and implementation of communication campaigns. Focuses on analyzing markets, clients, products, and audiences and on creative copywriting and art direction. Provides training in how to develop campaign plans in traditional and digital media.

COM 442: Communication Campaigns

Prerequisites: COM 441

Create and integrate campaign materials and media assets for a complete public relations or advertising campaign to be delivered across multiple media platforms. Materials produced include print, graphic, video, and other digital assets. Provides hands-on experience presenting a creative plan to a potential client.

COM 443: Interactive & Mobile Campaigns

Prerequisites: COM 442

Apply and integrate new tools and techniques to design, create, and implement interactive communication programs and campaigns. Focuses on delivery through Social Media, location-based messaging, and personal mobile devices. Offers hands-on experience producing multimedia and mobile content.

COM 499: Communication Program Capstone

Prerequisites: Completion of 13 core and advanced core courses.

Students assemble and create materials necessary to produce an ePortfolio that demonstrates their research, analysis, strategic thinking, content production, and campaign evaluation skills. The ePortfolio demonstrates the student's experience and capabilities. It will be an asset in the job search and in career advancement. Grading is S or U only.

ENG – English

ENG 655: Composition Pedagogy

Prepares students for the practical and theoretical challenges of teaching English composition and other writing courses. Topics include process theory, cognitive studies, language and diversity, genre studies, and best practices.

ENG 656: History of Rhetoric

Focuses on the teachings of the major figures of ancient rhetoric, such as the sophists, Plato, Aristotle, Cicero, and Quintilian. Students will study the classical texts that form the basis of modern rhetoric studies. The course also surveys major shifts through Medieval, Renaissance, and Enlightenment rhetoric.

ENG 657: Modern Rhetoric

Introduces students to the contemporary study of rhetoric. The course covers major figures such as Kenneth Burke, Lloyd Bitzer, and Stephen Toulmin. The course introduces a wide range of academic interests in contemporary rhetoric; in particular, students will practice reading texts rhetorically through major theories of rhetoric.

HCA – Healthcare Administration

HCA 622: Quality Appraisal & Evaluation

Prerequisites: HCA 600, HCA 610 and HCA 620

Theoretical and practical frameworks to facilitate the continuous improvement of quality in healthcare organizations. Includes data collection, data planning and evaluation. Introduces multiple approaches, including strategy and outcome measurement. Team development, analytical statistics, and process knowledge are central themes, along with culture transformation.

ILR – Information Literacy

ILR 260: Information Literacy

Prerequisites: ENG 100 and ENG 101

A cross-disciplinary course that teaches effective report and research paper writing through the use of key computer technologies. Topics include library and Internet research; information organization, evaluation, and synthesis; MLA and APA style formats; and the use of document-production, spreadsheet, image-editing, and presentation software.

NSG – Nursing

NSG 623: Biomedical Statistics

This course explores fundamental concepts and methods of statistics as applied to health related fields. The topics of this course include: introduction to basic concepts of descriptive and inferential statistics as they apply to health research; basic and intermediate concepts for testing, statistical hypotheses, construction and interpretation of confidence intervals; applying selected parametric and non-parametric techniques; regression and multiple regression; analysis of covariance,

multivariate ANOVA, and related multivariate analyses. Computer software will be used to illustrate statistical procedures.

PHL – Philosophy

PHL 238: Logical & Critical Thinking

Prerequisites: ENG 100 and ENG 101

Introduction to the fundamentals of logic and critical thinking. Focuses on the core skills of logical analysis, argumentation, recognition of fallacious reasoning, linguistic structural analysis, introductory levels of propositional and categorical argumentation, and various forms of inductive reasoning.

RTT – Radiation Therapy

RTT 480: Internship I

Prerequisites: RTT 300 with a minimum grade of C, RTT 305 with a minimum grade of C, RTT 306 with a minimum grade of C, RTT 310 with a minimum grade of C, and RTT 320 with a minimum grade of C.

Content is designed to provide sequential development, application, analysis, integration, synthesis and evaluation of concepts and theories in radiation therapy. Objectives and competencies in this course focus on patient – centered care, team work principles, introduction to and safety procedures for treatment and simulation equipment, and lower level treatment procedures. Requires 101 hours/quarter unit and 2 hours of classroom meeting/week. Grading is S/U only.

RTT 481: Internship II

Prerequisites: RTT 480 with a minimum grade of S.

Continuation of clinical internship practice. This course focuses on specific principles and techniques utilized for assigned cancer treatments. Students will demonstrate clinical competencies in the application of specific radiation therapy techniques. Requires 101 hours/quarter unit and 2 hours of classroom meeting/week. Grading is S/U only.

RTT 482: Internship III

Prerequisites: RTT 481 with a minimum grade of S.

Continuation of clinical internship practice. This course focuses on advanced principles and techniques utilized for specific cancer treatments. Students will demonstrate competence in the delivery and simulation of specific radiation therapy techniques and medical dosimetry. Requires 101 hours/quarter unit and 2 hours of classroom meeting/week. Grading is S/U only.