ADDENDUM E
TO THE NATIONAL UNIVERSITY GENERAL CATALOG 82

Effective Date August 5, 2019

National University Academic Headquarters
11255 North Torrey Pines Road
La Jolla, CA 92037-1011
(858) 642-8800
SANFORD COLLEGE OF EDUCATION

***THE FOLLOWING PROGRAMS ARE NOT ACCEPTING APPLICATIONS AT THIS TIME***

- MASTER OF SCIENCE IN SPECIAL EDUCATION
- PRELIMINARY EDUCATION SPECIALIST TEACHING CREDENTIAL WITH MILD/MODERATE AND MODERATE SEVERE AUTHORIZATIONS

NEW PROGRAM

MASTER OF EDUCATION IN SPECIAL EDUCATION WITH A PRELIMINARY ED SPECIALIST CREDENTIAL: EXTENSIVE SUPPORT NEEDS WITH INTERNSHIP OPTION

The Master of Education in Special Education with a Preliminary Education Specialist Credential: Extensive Support Needs (ESN) is designed to provide candidates with critical skills needed to teach in inclusive classroom settings within the framework of Universal Design for Learning (UDL) and Multi-Tiered System of Support (MTSS) structure. Designed for courses to be taken in sequential order, the program provides candidates with the opportunity to gain professional understanding, integrate research-based teaching practices with appropriate assessment of student work, meet the needs of diverse learners, and learn and apply the principles of Information Communication Technology (ICT) in the twenty-first century classroom and global learning community. The program also provides candidates with critical skills in laws and policies, positive behavior management and assessment needed to teach in inclusive classroom settings.

The Master of Education in Special Education (M.Ed. in SPD) with a Preliminary Education Specialist Credential: Extensive Support Needs (ESN) with Intern Option (CA) program at National University provides the knowledge and skills needed to successfully teach and impact the lives of students who have extensive learning support needs. This program explores the range of educational learning problems and applies the latest teaching strategies to enhance the performance of students, no matter their abilities. The M.Ed. in Special Education is aligned with the Education Specialist Authorizations and standards of the California Commission on Teacher Credentialing. This program also allows candidates to obtain a Preliminary Education Specialist Credential: Extensive Support Needs with Intern Option (CA) as part of the master’s degree.

The Master of Education focuses on practical, field-based experience that helps a candidate understand and critically evaluate education practices and provides strategies that can be immediately applied to service. The Master of Education is ideal for educators looking to move into leadership roles or improve their own instructional strategies.

Program Learning Outcomes

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

- Integrate knowledge/skills to create and sustain learning environments for TK-12 learners with ESN that support inclusive practices under the Multi-tiered System of Support (MTSS) framework, principles of universal design, and positive behavioral and social-emotional supports.
- Integrate knowledge/skills to provide individualized support for all TK-12 learners with ESN from diverse backgrounds with a wide spectrum of physical, sensory developmental, academic, behavioral, social-emotional verbal and non-verbal communication needs.
- Integrate knowledge/skills in movement, mobility, sensory, and specialized health care needs to make school subject matter and community resources accessible and comprehensible for all of TK-12 learners with ESN through a collaborative multidisciplinary team approach.
- Integrate knowledge needed to use a strength-based continuous improvement and evidence-based framework to design and plan inclusive learning activities for all TK-12 learners with ESN.
- Integrate knowledge/skills to administer and analyze formal and informal assessments to determine eligibility, inform instruction and identify research-based interventions for all TK-12 learners with ESN.
• Integrate knowledge to meet legal, ethical and professional obligations as an educational specialist and advocate for TK-12 learners with ESN and as a member of professional learning communities.
• Reflect critically on the application of professional beliefs and teaching-learning principles necessary to work collaboratively with TK-12 learners with ESN, families, other professionals and community members.
• Critique current research in special education theory and practices within inclusive and culturally responsive frameworks.
• Synthesize research methodology and findings as a professional educator, life-long learner and scholar (consumer and producer of research).

Degree Requirements
The Master of Education with a Preliminary Education Specialist Credential: Extensive Support Needs (ESN), is designed to address both the Education Specialist standards and the program-specific standards, including the Teacher Performance Expectations and California Standards for the Teaching Profession. This program adheres to the CTC Universal Teaching Performance Expectations (TPEs) and the TPEs for Credential Authorization for the Extensive Support Needs. The TPEs form the backbone of the program and are translated into the Program Learning Outcomes. To receive a Master of Education with a Preliminary Education Specialist Credential (ESN), candidates must complete 17 courses (72 quarter units). Candidates must complete at least 54 quarter units of graduate credit in residence at National University. Further information on graduate admission and evaluation can be found in the Academic Information for Graduate Degrees section of the catalog.

Admission
To receive a California Preliminary Education Specialist Teaching Credential, candidates are required to successfully complete core courses, specialization (advanced) courses, and a clinical practice path to supervised teaching (student teaching or internship). Several requirements must be completed prior to beginning the credential courses. A Credential Packet must be completed at the beginning of SPD 600S. Further information on graduate admission and evaluation can be found in the Academic Information for Graduate Degrees section of the general catalog.

Field Experience
Field Experience is a required component of the program. Each Education Specialist Credential course includes a required 4-hour field experience in a TK-12 classroom representing the candidates credential area and a diverse student population.

Clinical Practice
Candidates must complete one of two clinical practice options: student teaching or internship option.
• Student Teaching requires 16 weeks working in a classroom with a teacher with a valid Education Specialist Credential. Student teaching is conducted at the completion of the required 15 courses.
• Internship is an alternative credential path which is a cooperative effort between a school district and an institution of higher education. The program allows credential candidates to be employed while completing a credential program. The internship program is a minimum of 8 months in length. Participants serve as the ‘teacher of record’ under an internship credential.

The CTC mandates that interns and student teachers must be supported during their entire internship experience. To receive a Preliminary Education Specialist Credential, candidates must complete a minimum of 600 hours of field work (200 hours of supervised early field experience and 400 hours of Clinical Practice – either student teaching or internship – in the required credential area).

Internship Option
Candidates choosing the Internship option to obtain the Preliminary Education Specialist Credential: Extensive Support Needs (ESN) will need to meet the Internship Eligibility requirements. Courses required include SPD 600S, ITL 530 and ITL 604.

The CTC mandates that all approved internship programs require a minimum of 120 hours of pre-service coursework prior to becoming the teacher of record (4.5 quarter units are equal to 40 clock hours). These pre-service courses must be successfully completed prior to eligibility for completing the internship option.

Total Degree Requirements
(17 Courses; 72 quarter units)
Core Requirements Extensive Support Needs (ESN)
(11 courses; 49.5 quarter units)

- SPD 600S* Foundation Preparation: SPED
  Prerequisite: Non-Course Requirement See Admission requirements above

- ITL 604** Learners and Learning I
  Prerequisite: ITL 602

- ITL 530 Optimized Learning Community

- ITL 606 Learners and Learning II
  Prerequisite: ITL 604

- ITL 608 Design and Process of Teaching
  Prerequisite: ITL 606

- ITL 510 Language-Literacy: Foundations

- ITL 512 Language/Literacy: Strategies
  Prerequisite: ITL 510

- ITL 516** Mathematics Integrative Design
  Prerequisite: ITL 514

- SPD 621 Adv. Behavioral Supports & SEL
  Prerequisite: ITL 516

- SPD 631 Special Ed Law
  Prerequisite: SPD 621

- SPD 514 Lang/Lit – Case Study
  Prerequisite: SPD 631

*Must be taken as first course in sequence.

**Prerequisite requirements are NOT required for candidates in the Ed Specialist programs.

Extensive Support Needs (ESN) Specialized Requirements
(2 courses; 9 quarter units)

Candidates must complete all core courses prior to enrollment in the specialized courses

- SPD 643 Assmnt Differentiation ESN
  Prerequisite: SPD 514

- SPD 645 Collab & Case Mgmnt ESN
  Prerequisite: SPD 643

ESN Clinical Practice: Student Teaching or Internship
(2 courses; 4.5 quarter units)

Candidates must complete all core and specialized courses prior to enrollment in the student teaching courses.

- SPD 550A Student Teaching for ESN: A
  (2.25 quarter units)
  Prerequisite: Completion of all ESN core coursework

- SPD 550B Student Teaching for ESN: B
  (2.25 quarter units)
  Prerequisite: SPD 550A

OR

Candidates must meet intern eligibility requirements prior to being enrolled in Internship courses.

- SPD 691A ESN Internship: A
  (2.25 quarter units)
  Prerequisite: Receipt of Internship Credential

- SPD 691B ESN Internship: B
  (2.25 quarter units)
  Prerequisite: SPD 691A

Master’s Capstone Requirements
(2 courses; 9 quarter units)

Candidates must complete all course work prior to beginning the capstone requirements.

- SPD 695 Understanding Edu. Research
- SPD 696 Capstone Project
  Prerequisite: SPD 695

MASTER OF EDUCATION IN SPECIAL EDUCATION WITH A PRELIMINARY ED SPECIALIST CREDENTIAL: MILD MODERATE SUPPORT NEEDS WITH INTERNSHIP OPTION

Academic Program Director: Nilsa Thorsos;
(310) 662-2140; nthorsos@nu.edu

The Master of Education in Special Education with a Preliminary Education Specialist Credential: Mild/Moderate Support Needs (MMSN) is designed to provide candidates with critical skills needed to teach in inclusive classroom settings within the framework of Universal Design for Learning (UDL) and Multi-Tiered System of Support (MTSS) structure. Designed for courses to be taken in sequential order, the program provides candidates with the opportunity to gain professional understanding, integrate research-based teaching practices with appropriate assessment of student work, meet the needs of diverse learners, and learn and apply the principles of Information Communication Technology (ICT) in the twenty-first century classroom and global learning community. The program also provides candidates with critical skills in laws and policies, positive behavior management and assessment needed to teach in inclusive classroom settings.

The Master of Education in Special Education with a Preliminary Education Specialist Credential: Mild/Moderate Support Needs with Intern Option program provides the knowledge and skills needed to
successfully teach and impact the lives of students who have mild to moderate learning support needs. This program explores the range of educational learning problems and applies the latest teaching strategies to enhance the performance of students, no matter their abilities. The M.Ed. in Special Education is aligned with the Education Specialist Authorizations and standards of the California Commission on Teacher Credentialing (CCTC). This program also allows candidates to obtain a Preliminary Education Specialist Credential: Mild/Moderate Support Needs Credential with Intern Option (CA) as part of the master’s degree.

The Master of Education focuses on practical, field-based experience that helps a candidate understand and critically evaluate education practices and provides strategies that can be immediately applied to service. The Master of Education is ideal for educators looking to move into leadership roles or improve their own instructional strategies.

**Program Learning Outcomes**

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

- Integrate knowledge/skills to create and sustain learning environments for TK-12 learners with MMSN that support inclusive practices under the Multi-tiered System of Support (MTSS) framework, principles of universal design, and positive behavioral and social-emotional supports
- Integrate knowledge/skills to provide individualized support for all TK-12 learners with MMSN from diverse backgrounds with a wide spectrum of physical, sensory, developmental, academic, behavioral and social-emotional needs
- Integrate knowledge/skills to make subject matter accessible and comprehensible for all TK-12 learners with MMSN through a collaborative multidisciplinary team approach
- Integrate knowledge needed to use a strength-based, continuous improvement and evidence-based framework to design and plan inclusive learning activities for all TK-12 learners with MMSN
- Integrate knowledge/skills to administer and analyze formal and informal assessments to determine eligibility, inform instruction, and identify research-based interventions for all TK-12 with MMSN
- Integrate the knowledge to meet legal, ethical and professional obligations as an educational specialist and advocate for TK-12 learners with MMSN and as a member of professional learning communities
- Reflect critically on the application of professional beliefs and teaching/learning principles necessary to work collaboratively with TK-12 learners with MMSN, families, other professionals and community members
- Critique current research in special education theory and practices within inclusive and culturally responsive frameworks
- Synthesize research methodology and findings as a professional educator, life-long learner and scholar (consumer and producer of research).

**Degree Requirements**

The Master of Education with a Preliminary Education Specialist Credential: Mild/Moderate Support Needs (MMSN), is designed to address both the Education Specialist standards and the program-specific standards, including the Teacher Performance Expectations and California Standards for the Teaching Profession. This program adheres to the CTC Universal Teaching performance Expectations (TPEs) and the TPEs for Credential Authorization for the Mild Moderate Support Needs. The TPEs form the backbone of the program and are translated into the Program Learning Outcomes. To receive a Master of Education with a Preliminary Education Specialist Credential: MMSN, candidates must complete 17 courses (72 quarter units).

Candidates must complete at least 54 quarter units of graduate credit in residence at National University. Further information on graduate admission and evaluation can be found in the Academic Information for Graduate Degrees section of the catalog.

**Admission**

To receive a California Preliminary Education Specialist Teaching Credential, candidates are required to successfully complete core courses, specialization (advanced) courses, and a clinical practice path to supervised teaching (student teaching or internship). Several requirements must be completed prior to beginning the credential courses.
A credential packet must be completed at the beginning of SPD 600S. Further information regarding graduate admission and evaluation can be found in the Academic Information for Graduate Degrees section of the catalog.

Field Experience
Field Experience is a required component of the program. Each Education Specialist Credential course includes a required 4-hour field experience in a TK-12 classroom representing the candidates credential area and a diverse student population.

Clinical Practice
Candidates must complete one of two clinical practice options: student teaching or internship option.

1. Student Teaching requires 16 weeks working in a classroom with a teacher with a valid Education Specialist Credential. Student teaching is conducted at the completion of the required 13 courses.

2. Internship is an alternative credential path which is a cooperative effort between a school district and an institution of higher education. The program allows credential candidates to be employed while completing a credential program. The internship program is a minimum of 8 months in length. Participants serve as the ‘teacher of record’ under an internship credential.

The CTC mandates that interns and student teachers must be supported during their entire internship experience. To receive a Preliminary Education Specialist Credential, candidates must complete a minimum of 600 hours of field work (200 hours of supervised early field experience and 400 hours of Clinical Practice – either student teaching or internship – in the required credential area).

Internship Option
Candidates choosing the Internship option to obtain the preliminary Education Specialist Credential: Mild/Moderate Support Needs (MMSN) will need to meet the Internship Eligibility requirements. Courses required include SPD 600S, ITL 530 and ITL 604.

The CTC mandates that all approved internship programs require a minimum of 120 hours of pre-service coursework prior to becoming the teacher of record (4.5 quarter units are equal to 40 clock hours). These pre-service courses must be successfully completed prior to eligibility for completing the internship option.

Total Degree Requirements
(17 courses; 72 quarter units)

Core Requirements Mild/Moderate Support Needs (MMSN)
(11 courses; 49.5 quarter units)

- **SPD 600S* Foundation Preparation: SPED
  *Prerequisite: Non-Course Requirement See Admission requirements above**
- **ITL 604** Learners and Learning I
  *Prerequisite: ITL 602*
- **ITL 530** Optimized Learning Community
- **ITL 606** Learners and Learning II
  *Prerequisite: ITL 604*
- **ITL 608** Design and Process of Teaching
  *Prerequisite: ITL 606*
- **ITL 510** Language-Literacy: Foundations
- **ITL 512** Language/Literacy: Strategies
  *Prerequisite: ITL 510*
- **ITL 516** Mathematics Integrative Design
  *Prerequisite: ITL 514*
- **SPD 621** Adv. Behavioral Supports & SEL
  *Prerequisite: ITL 516*
- **SPD 631** Special Ed Law
  *Prerequisite: SPD 621*
- **SPD 514** Lang/Lit- Case Study
  *Prerequisite: SPD 631*

*Must be taken as first course in the sequence

**Prerequisite requirements are NOT required for candidates in the Ed Specialist programs.

Mild/Moderate Support Needs (MMSN) Specialized Requirements
(2 courses; 9 quarter units)

Candidates must complete all core courses prior to enrollment in the specialized courses.

- **SPD 633** Assmnt, Differentiation MMSN
  *Prerequisite: SPD 514*
- **SPD 635** Collab & Case Mgmnt MMSN
  *Prerequisite: SPD 633*

Mild/Moderate Support Needs (MMSN) Clinical Practice Requirements – Student Teaching or Internship
(2 courses; 4.5 quarter units)
Candidates must complete all core and specialized courses prior to being enrolled in Student Teaching classes.

**SPD 552A**  
Student Teaching for MMSN: A  
(2.25 quarter units)  
*Prerequisite: Must complete All core coursework in MMSN program*

**SPD 552B**  
Student Teaching for MMSN: B  
(2.25 quarter units)  
*Prerequisite: SPD 552A*

**OR**
Candidates must complete internship eligibility requirements prior to being enrolled in internship classes.

**SPD 693A**  
MMSN-Internship: A  
(2.25 quarter units)  
*Prerequisite: Receipt of Internship Credential*

**SPD 693B**  
MMSN Internship: B  
(2.25 quarter units)  
*Prerequisite: SPD 693A*

**Master’s Capstone Requirements**
(2 courses; 9 quarter units)

Candidates must complete all course work prior to beginning the capstone requirements.

**SPD 695**  
Understanding Edu. Research

**SPD 696**  
Capstone Project  
*Prerequisite: SPD 695*

### CREDENTIAL PROGRAMS

**PRELIMINARY ED SPECIALIST CREDENTIAL: EXTENSIVE SUPPORT NEEDS WITH INTERNSHIP OPTION**

The Preliminary Education Specialist Credential: Extensive Support Needs (ESN) with Intern Option (CA) program at National University provides the knowledge and skills needed to successfully reach and impact the lives of students who have extensive learning support needs. This program explores the range of educational learning problems and applies the latest teaching strategies to enhance the performance of students, no matter their abilities. The Preliminary Education Specialist Credential: Extensive Support Needs is aligned to the standards of the California Commission on Teacher Credentialing and the Teaching Expectations (TPEs) established for Extensive Support Needs (ESN).

**Program Learning Outcomes**

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

- Integrate knowledge/skills to create and sustain learning environments for TK-12 learners with ESN that support inclusive practices under the Multi-tiered System of Support (MTSS) framework, principles of universal design, and positive behavioral and social-emotional supports
- Integrate knowledge/skills to provide individualized support for all TK-12 learners with ESN from diverse backgrounds with a wide spectrum of physical, sensory, developmental, academic, behavioral, social-emotional verbal and non-verbal communication needs
- Integrate knowledge/skills in movement, mobility, sensory and specialized health care needs to make school subject matter and community resources accessible and comprehensible for all the TK-12 learners with ESN through a collaborative multidisciplinary team approach
- Integrate knowledge needed to use a strength-based, continuous improvement and evidence-based framework to design and plan inclusive learning activities for all TK-12 learners with ESN
- Integrate knowledge/skills to administer and analyze formal and informal assessments to determine eligibility, inform instruction, and identify research-based interventions for all TK-12 learners with ESN
- Integrate the knowledge to meet legal, ethical and professional obligations as an educational specialist and advocate for TK-12 learners with ESN and as a member of professional learning communities
- Reflect critically on the application of professional beliefs and teaching/learning principles necessary to work collaboratively with TK-12 learners with ESN

**Degree Requirements**

The Preliminary Education Specialist Credential: Extensive Support Needs (ESN), is designed to address both the Education Specialist Standards and the program-specific standards, including the Teacher Performance Expectations and California Standards for the Teaching Profession. This program adheres to the CTC Universal Teaching Performance Expectations (TPEs) and the TPEs for Credential Authorization for the
Extensive Support Needs. The TPEs form the backbone of the program and are translated into the Program Learning Outcomes. To receive a Preliminary Education Specialist Credential ESN, candidates must complete 15 courses (63 quarter units).

Admission
To receive a California Preliminary Education Specialist Teaching Credential, candidates are required to successfully complete core courses, specialization (advanced) courses, and a clinical practice path to supervised teaching (student teaching or internship). Several requirements must be completed prior to beginning the credential courses. A credential packet must be completed at the beginning of SPD 600S.

Further information on graduate admission and evaluation can be found in the Academic Information for Graduate Degrees section of the catalog.

Field Experience
Field Experience is a required component of the program. Each education Specialist Credential course includes a required 4-hour field experience in a TK-12 classroom representing the candidates credential area and a diverse student population.

Clinical Practice
Candidates must complete one of two clinical practice options: student teaching or internship options.

- Student Teaching requires 16 weeks working in a classroom with a teacher with a valid Education Specialist Credential. Student teaching is conducted at the completion of the required 13 courses.
- Internship is an alternative credential path which is a cooperative effort between a school district and an institution of higher education. The program allows credential candidates to be employed while completing a credential program. The internship program is 8 months in length. Participants serve as the ‘teacher of record’ under an internship credential.

The CTC mandates that interns and student teachers must be supported during their entire internship experience. To receive a Preliminary Education Specialist Credential, candidates must complete a minimum of 600 hours of field work (200 hours of supervised early field experience and 400 hours of Clinical Practice – either student teaching or internship – in the required credential area).

Internship Option
Candidates choosing the Internship option to obtain the Preliminary Education Specialist Credential: Extensive Support Needs (ESN) will need to meet the Internship Eligibility requirements. Courses required include SPD 600S, ITL 530 and ITL 604.

The CTC mandates that all approved internship programs require a minimum of 120 hours of pre-service coursework prior to becoming the teacher of record (4.5 quarter units are equal to 40 clock hours). These pre-service courses must be successfully completed prior to eligibility for completing the internship option.

Total Degree Requirements
(15 courses; 63 quarter units)

Extensive Support Needs (ESN) Core Requirements
(11 courses; 49.5 quarter units)

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisite</th>
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<tbody>
<tr>
<td>SPD 600S*</td>
<td>Foundation Preparation: SPED</td>
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<tr>
<td>ITL 604**</td>
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<td>Prerequisite: ITL 602</td>
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<td>ITL 530</td>
<td>Optimized Learning Community</td>
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<td>ITL 510</td>
<td>Language-Literacy: Foundations</td>
<td>Prerequisite: ITL 510</td>
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<tr>
<td>ITL 512</td>
<td>Language/Literacy: Strategies</td>
<td>Prerequisite: ITL 510</td>
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<tr>
<td>ITL 516**</td>
<td>Mathematics Integrative Design</td>
<td>Prerequisite: ITL 514</td>
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<tr>
<td>SPD 621</td>
<td>Adv. Behavioral Supports &amp; SEL</td>
<td>Prerequisite: SPD 621</td>
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<td>SPD 631</td>
<td>Special Ed Law</td>
<td>Prerequisite: SPD 631</td>
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<tr>
<td>SPD 514</td>
<td>Lang/Lit- Case Study</td>
<td>Prerequisite: SPD 631</td>
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*Must be taken as first course in the sequence.

**Prerequisite requirements are NOT required for candidates in the Ed Specialist programs.

Extensive Support Needs (ESN) Specialty Courses
(2 courses; 9 quarter units)

Candidates must complete all core courses prior to the enrollment in the ESN Specialized courses.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisite</th>
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<tbody>
<tr>
<td>SPD 643</td>
<td>Assmnt Differentiation ESN</td>
<td>Prerequisite: SPD 514</td>
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</tbody>
</table>
ESN Clinical Practice: Student Teaching or Internship
(2 courses; 4.5 quarter units)

Candidates must complete all core and ESN specialized courses prior to being enrolled in Student Teaching.

SPD 550A  Student Teaching for ESN: A
(2.25 quarter units)
Prerequisite: Completion of an ESN core course work

SPD 550B  Student Teaching for ESN:B
(2.25 quarter units)
Prerequisite: SPD 550A

OR

Candidates must meet internship eligibility requirements prior to enrolling in Internship courses.

SPD 691A  ESN Internship: A
(2.25 quarter units)
Prerequisite: Receipt of Internship Credential

SPD 691B  ESN Internship: B
(2.25 quarter units)
Prerequisite: SPD 691A

PRELIMINARY ED SPECIALIST CREDENTIAL: MILD MODERATE SUPPORT NEEDS WITH INTERNSHIP OPTION

The Preliminary Education Specialist Credential: Mild/Moderate Support Needs (MMSN) with internship (CA) program at National University provides the knowledge and skills needed to successfully teach and impact the lives of students who have mild to moderate learning support needs. This program explores the range of educational learning problems and applies the latest teaching strategies to enhance the performance of students, no matter their abilities. The Preliminary Education Specialist Credential: Mild/Moderate Support Needs is aligned to the standards of the California Commission on Teacher Credentialing (CTC) and the Teaching Expectations (TPEs) established for Mild/Moderate Support Needs (MMSN).

Program Learning Outcomes

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

- Integrate knowledge/skills to create and sustain learning environments for TK-12 learners with MMSN that support inclusive practices under the Multi-tiered System of Support (MTSS) framework, principles of universal design, and positive behavioral and social-emotional supports
- Integrate knowledge/skills to provide individualized support for all TK-12 learners with MMSN from diverse backgrounds with a wide spectrum of physical, sensory, developmental, academic, behavioral and social-emotional needs
- Integrate knowledge/skills to make subject matter accessible and comprehensible for all TK-12 learners with MMSN through a collaborative multidisciplinary team approach
- Integrate knowledge needed to use a strength-based, continuous improvement and evidence-based framework to design and plan inclusive learning activities for all TK-12 learners with MMSN
- Integrate knowledge/skills to administer and analyze formal and informal assessments to determine eligibility, inform instruction, and identify research-based interventions for all TK-12 learners with MMSN
- Integrate the knowledge to meet legal, ethical and professional obligations as an educational specialist and advocate for TK-12 learners with MMSN and as a member of professional learning communities
- Reflect critically on the application of professional beliefs and teaching/learning principles necessary to work collaboratively with TK-12 learners with MMSN, families, other professional and community members

Degree Requirements

The Preliminary Education Specialist Credential: Mild/Moderate Support Needs (MMSN), is designed to address both the Education Specialist Standards and the program-specific standards, including the Teacher Performance Expectations and California Standards for Teaching Profession. This program adheres to the CTC Universal Teaching Performance Expectations (TPEs) and the TPEs for Credential Authorization for the Mild Moderate Support Needs. The TPEs form the backbone of the program and are translated into the Program Learning Outcomes. To receive a Preliminary Education Specialist Credential MMSN, candidates must complete 15 courses (63 quarter units).
Admission
To receive a California Preliminary Education Specialist Teaching Credential, candidates are required to successfully complete core courses, specialization (advanced) courses, and a clinical practice path to supervised teaching (student teaching or internship). Several requirements must be completed prior to beginning the credential courses. A credential packet must be completed at the beginning of SPD 600S.

Further information on graduate admission and evaluation can be found in the Academic Information for Graduate Degrees section of the catalog.

Field Experience
Field Experience is a required component of the program. Each Education Specialist Credential course includes a required 4-hour field experience in a TK-12 classroom representing the candidates credential area and a diverse student population.

Clinical Practice
Candidates must complete one of two clinical practice options: student teaching or internship option.

- Student Teaching requires 16 weeks working in a classroom with a teacher with a valid Education Specialist Credential. Student teaching is conducted at the completion of the required 13 courses.
- Internship is an alternative credential path which is a cooperative effort between a school district and an institution of higher education. The program allows credential candidates to be employed while completing a credential program. The internship program is a minimum of 8 months in length. Participants serve as the ‘teacher of record’ under an internship credential.

The CTC mandates that interns and student teachers must be supported during their entire internship experience. To receive a Preliminary Education Specialist Credential, candidates must complete a minimum of 600 hours of field work (200 hours of supervised early field experience and 400 hours of Clinical Practice – either student teaching or internship – in the required credential area).

Internship Option
Candidates choosing the Internship option to obtain the Preliminary Education Specialist: Mild/Moderate Support Needs (MMSN) credential will need to meet the Internship Eligibility requirements. Courses required include SPD 600S, ITL 530 and ITL 604.

The CTC mandates that all approved internship programs require a minimum of 120 hours of pre-service coursework prior to becoming the teacher of record (4.5 quarter units are equal to 40 clock hours). These pre-service courses must be successfully completed prior to eligibility for completing the internship option.

Total Degree Requirements
(15 courses; 63 quarter units)

Mild/Moderate Support Needs (MMSN) Core Requirements
(11 courses; 49.5 quarter units)
SPD 600S* Foundation Preparation: SPED
Prerequisite: Non-Course Requirement. See Admission requirements above.
ITL 604** Learners and Learning I
Prerequisite: ITL 602
ITL 530 Optimized Learning Community
ITL 606 Learners and Learning II
Prerequisite: ITL 604
ITL 608 Design and Process of Teaching
Prerequisite: ITL 606
ITL 510 Language-Literacy: Foundations
ITL 512 Language/Literacy: Strategies
Prerequisite: ITL 510
ITL 516** Mathematics Integrative Design
Prerequisite: ITL 514
SPD 621 Adv. Behavioral Supports & SEL
Prerequisite: ITL 516
SPD 631 Special Ed Law
Prerequisite: SPD 621
SPD 514 Lang/Lit- Case Study
Prerequisite: SPD 631

*Must be taken as first course in sequence.

**Prerequisite requirements are NOT required for candidates in the Ed Specialist programs.

Mild/Moderate Support Needs (MMSN) Specialized Requirements
(2 courses; 9 quarter units)

Candidates must complete all core courses prior to enrollment in the specialized courses.

SPD 633 Assmnt, Differentiation MMSN
Prerequisite: SPD 514
SPD 635 Collab & Case Mgmnt MMSN
Prerequisite: SPD 633
Mild/Moderate Support Needs (MMSN) Clinical Practice Requirements; Student Teaching or Internship
(2 courses; 4.5 quarter units)

Candidates must complete all core and specialized courses prior to being enrolled in Student Teaching.

SPD 552A  Student Teaching for MMSN: A
(2.25 quarter units)
Prerequisite: Must complete All core coursework in MMSN program

SPD 552B  Student Teaching for MMSN: B
(2.25 quarter units)
Prerequisite: SPD 552A

OR

Candidates must meet internship eligibility requirements prior to being enrolled in Internship

SPD 693A  MMSN-Internship: A
(2.25 quarter units)
Prerequisite: Receipt of Internship Credential

SPD 693B  MMSN Internship: B
(2.25 quarter units)
Prerequisite: SPD 693A

COLLEGE OF PROFESSIONAL STUDIES

Interim Dean: Dr. John Cicero

MASTER OF BUSINESS ADMINISTRATION
New Area of Specialization
Specialization in Bank Management
Academic Program Director: Farhang Mossavar-Rahmani; (858) 642-8409; fmossava@nu.edu

The field of banking has undergone great changes in the last decade and now represents one of the most dynamic activities within financial institutions. The Bank Management program is designed to provide both a sound theoretical and a conceptual framework for bank managers. Special emphasis is placed on bank management and international aspect of bank operations including analysis of foreign exchange rate movements, formulation of plans to reduce foreign exchange risk exposure, and case and/or research projects dealing with contemporary financial issues are covered. Financing the real estate and credit management are also discussed.

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

• Evaluate the financial condition of the company and recommend the proper course of actions
• Appraise securities portfolios and investment proposal and evaluate the relationship among the returns for foreign and domestic investment instruments
• Apply the Asset Market Approach to a Commodity Market
• Appraise the impact of regulations on Bank and recommend proper course of actions
• Analyze the real estate partnerships, secondary mortgage markets, adjustable rate mortgages and recommend proper course of actions

Program Requirements
(4 courses; 18 quarter units)

Students must select four (4) of the six (6) courses.

FIN 674  Managing Financial Institution
Prerequisite: FIN 609A

FIN 635  International Finance
Prerequisite: FIN 609A

FIN 652  Real Estate Finance
Prerequisite: FIN 609A

FIN 671  Credit Management
Prerequisite: FIN 609A

FIN 678  Regulation of Banks
Prerequisite: FIN 609A

FIN 679  Risk & Capital Mgmnt in Banks
Prerequisite: FIN 609A

GRADUATE CERTIFICATE

GRADUATE CERTIFICATE IN BANKING
Academic Program Director: Farhang Mossavar-Rahmani; (858) 642-8409; fmossava@nu.edu

Graduate Certificate in Banking is designed for students who wish to move up in the banking profession or may be considering getting into MBA with area of specialization in Banking.

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

• Apply capital budgeting techniques to the evaluation of alternative investment projects
• Compare and contrast agency problems and methods used to ensure owners’ and managers’ goals are congruent
• Apply the Asset Market Approach to a Commodity Market
• Evaluate interest rate behavior and its impacts on the economy and businesses
• Analyze Investment Risk and recommend the proper rate of returns associated with that risk

Program Requirements
(4 courses; 18 quarter units)

FIN 609A  Seminar in Financial Management
Prerequisite: FIN310 or ACC600
FIN 674  Managing Financial Institution
Prerequisite: FIN 609A
FIN 678  Regulation of Banks
Prerequisite: FIN 609A

Students must select one (1) of the following courses.

FIN 679  Risk & Capital Mgmnt in Banks
Prerequisite: FIN 609A
ECO 607  Eco. For Managerial Decisions
Recommended Prior completion of MNS 601
ACC 604  Managerial Accounting

MASTER OF SCIENCE IN NURSING
Academic Program Director: Tina Ho;
(858) 309-3448; tho@nu.edu

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

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

MSN Admission Requirements
The following candidates are eligible for admission into the MSN program:

1. Candidates who hold a BSN degree from a nursing program that meets one of these criteria 1) State Board of Nursing approved, 2) Nationally accredited nursing program, 3) from a regionally accredited University/School, if applicable, and meet the University requirements for graduate study, listed in the General Catalog under Academic Information for Graduate Degrees.
2. Candidates who currently enrolled in the final course of their BSN degree program at National University or recently graduated from National University with their BSN. (Candidates in the RN-BSN Completion Program are eligible to take MSN courses in the last month of their RN to BSN Completion Program) and meet the University requirements for graduate study, listed in the General Catalog under Academic Information for Graduate Degrees including Admission in the Term prior to Bachelor’s Degree Completion.

*Candidates will be conditionally accepted into the MSN program until the following proofs are provided. Students may not begin specialization courses until the conditional acceptance is lifted, by providing proof of the following:

• Current, active and unencumbered RN license in the State of employment and/or residence
• Copy of BSN transcript
• Proof of Employment offer in the capacity of a registered nurse (RN)

If candidates are unable to show proof of BSN degree conferral, RN license and employment offer, admission to the MSN program will be rescinded.

RN to MSN Candidate Requirements
Candidates who hold a nursing diploma, or an associate nursing degree from a nursing program that meets one of these criteria 1) State Board of Nursing approved, 2) Nationally accredited nursing program, 3) from a regionally accredited University/School, if applicable and have completed a General Education curriculum or College Level Examination Program (CLEP) in these areas:

• Physical and Biological Sciences
• Mathematical Concepts and Quantitative Reasoning
• Social and Behavioral Sciences
• Arts, Humanities and Language
• Writing, Speech and Communication

*Exception: Candidates do not need to have a Bachelor’s degree for admission to the graduate program as specified in Academic Information for Graduate Degrees and Credentials, Admission procedures.

Candidates wishing to be admitted under the exception must select one of the RN-MSN pathway options, and successfully complete the required courses prior to beginning Master of Science in Nursing (MSN) core requirements. RN-MSN **Option 1** includes NSG 500 RN-MSN Portfolio Transition; OR **Option 2** includes NSG 444/444A Community Population Nursing with Lab, and NSG 442/442A Nursing Leadership and Management with Lab, and NSG 447/447A Quality Improvement with Lab).

All MSN Candidates including RN to MSN
- Have a cumulative GPA of at least 3.0 on a 4.0 scale. Candidates with a GPA of 2.5-2.99 will be considered by the MSN Admission Committee on a case by case basis
- Have completed the MSN application packet

Candidates who graduated from a BSN program other than NU must
- Provide proof of current, active and unencumbered RN license in the State of employment and/or residence.
- Complete the university admission application
- Provide one official transcript from each college or university attended to the Registrar’s office
- Provide two professional recommendation forms, preferably from individuals who hold graduate or doctoral degrees

Prior to the start of their specialization courses, all candidates must
- 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, a clear drug screen and background check and current BLS certification.

Additional Program Information
A. Candidates are required to meet with their Admission Advisor to review the process for applying to and acceptance into the Nursing program. The specifics described are: program of study, schedules of courses, requirements for progression in the program. Note: Prospective students should review the MSN and Post-Graduate Certificate packet before submitting the application.

B. 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.

C. MSN program is 100% online with flexible course scheduling. All accepted applicants must attend one virtual online program orientation. In addition, students in the FNP and PMHNP specializations are required to attend four one-day Objective Structured Clinical Examination (OSCE) in Costa Mesa. FNP and PMHNP practicum courses are offered as immersion practicum experiences, conducted in faculty approved, in-person, preceptored clinical settings.

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

E. Students who withdraw from the program or withdraw their application prior to beginning the program will not need to reapply if the point of initial application occurred within one year of re-application. Students requesting to be re-admitted after one year of initial application for admissions will need to resubmit a new application packet including all required items needed for the application packet and drug screening, background check, immunizations and physical examination. Re-application to the program does not guarantee acceptance or provide an advantage to being accepted.
NOTE: Additional fees apply as described:
- RN-MSN students taking NSG 500 carry additional fee of $3,280
- FNP and PMHNP Area of Specializations carry additional program fees of $11,325
- NA and NI Area of Specializations carry additional program fees of $475

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

- Implement appropriate theories, models, frameworks and concepts for 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 49.5-82.5 quarter units of graduate credit, with a minimum of 40.5 quarter units completed at National University. Refer to the General Catalog section on graduate admission requirements for specific information regarding admission and evaluation. Students must maintain a cumulative GPA of 3.0 and must maintain a B (84%) in all core and specialization courses.

RN-MSN Pathway Options
Candidates that do not hold a Bachelor’s degree for admission to the graduate program will follow one of the RN-MSN pathway. Candidates accepted into the RN-MSN must provide completion of an associate degree in nursing or diploma Nursing Program and hold an unencumbered Registered Nurse license.

Option 1 - Only if a student holds an associate degree in nursing or diploma in nursing and have at least one year of registered nursing experience in leadership, community health and quality improvement are eligible to complete NSG 500.

Option 2 - Student holds an associate degree in nursing or diploma in nursing with no registered nursing experience in leadership, community health and quality improvement.

RN-MSN Pathway Course Requirements
(1 course; 6 quarter units OR 6 courses; 25.5 quarter units)

Option 1
NSG 500 RN-MSN Portfolio Transition (6 quarter units)

OR

Option 2
ALL the following six (6) courses
NSG 444 Community Population NSG (6 quarter units)
Corequisite: NSG 444A
NSG 444A Comm Pop NSG Practicum (3 quarter units)
Corequisite: NSG 444
NSG 442 NSG Leadership and Management (Corequisite: NSG 442A
NSG 442A NSG LDRSHP & MGMT Practicum (3 quarter units)
Corequisite: NSG 442
NSG 447 Qual Improvement (Corequisite: NSG 447A
NSG 447A Qual Improvement Practicum (Corequisite: NSG 447

Core Requirements
(6 courses; 27 quarter units)
NSG 600 Advance Practice Nursing
NSG 620 Theory in Advanced Practice
NSG 623 Biomedical Statistics
NSG 606 Health Policy & Finance
NSG 622 QI & Project Management
NSG 607 EBP for Advanced NSG Practice

Students must pass all core courses before beginning specialization courses.
Specialization in Family Nurse Practitioner

Academic Program Director: Tina Ho; 
(858) 309-3448; tho@nu.edu

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

Admission Requirements

Students applying for the FNP area of specialization must be accepted to the MSN program.

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 population

Degree Requirements

Students must complete a total of 55.5 quarter units for the FNP specialization. Students must maintain a cumulative GPA of 3.0 and must maintain a B (84%) in all courses. Students must obtain at least 600 hours at an approved practicum site with a designated approved preceptor during the practicum courses.

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

Total Specialization Requirements
(12 courses; 55.5 quarter units)

Preparation for FNP Specialization
(3 courses; 15 quarter units)

NSG 641* Advanced Pharmacology I
NSG 681* Advanced Physical Assessment
(6 quarter units)
NSG 682* Advanced Pathophysiology

*Students have the option of taking the preparation for FNP specialization concurrently with the 6 MSN core courses.

Specialization Requirements
(9 courses; 40.5 quarter units)

Students must pass all MSN core and preparation for FNP Specialization courses before beginning any specialization courses.

NSG 680 Diversity Issues in APN
FNP 642 Advanced Pharmacology II
FNP 683A Primary Care of Adult and Aged
Corequisite: FNP 683B
FNP 683B Care of Adult & Aged Practicum
Corequisite: FNP 683A
FNP 684A Primary Care-Women & Children
Corequisite: FNP 643B
FNP 684B Women and Children Practicum
Corequisite: FNP 684A
FNP 685A FNP Residency
Corequisite: FNP 685B
Specialization in Nursing Administration

Academic Program Director: Hope Farquharson; (858) 521-3947; hfarquharson@nu.edu

The Master of Science in Nursing, Specialization in Nursing Administration prepares nurse managers who will provide leadership and management services to clinical care organizations. Successful decision-making strategies, evidence-based practice, team building and collaboration, fiscal management, quality improvement and creating a learning culture that supports high quality and safe patient care are considered within a systems approach to management. The specialization courses offered in the MSN, Specialization in Nursing Administration are designed using the interprofessional Education Model to develop IPE competencies. Graduates are being prepared to meet eligibility requirements to take the American Nurses Credentialing Center (ANCC) Nurse Executive-Advanced-Board Certified (NEA-BC) competency-based examination or the American Organization of Nursing Leadership (AONL) competency-based examination for Certification in Executive Nursing Practice (CENP).

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

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

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

Note: Nursing Administration Area of Specialization carries additional program fees of $475.

Specialization Requirements
(5 courses; 22.5 quarter units)

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

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

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

Specialization in Nursing Informatics

Academic Program Director: Hope Farquharson; (858) 521-3947; hfarquharson@nu.edu

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

The specialty courses offered in the MSN Program of Study in Nursing Informatics are designed using the Interprofessional Education (IPE) Model to develop IPE Competencies. Graduates are being prepared to take one of the following Health Information Management Systems Society’s (HIMSS) competency-based certification examinations depending on their length of experience in the field: Certified Associate in Healthcare Information and Management Systems (CAMINS), or Certified Professional in Healthcare Information and Management Systems (CPHIMS). Graduates also are being prepared to take the American Nurses Credentialing Center (ANCC) competency-based certification examination in nursing informatics (RN-BC).

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

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

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

Note: Nursing Informatics Area of Specialization carries additional program fees of $475.

Specialization in Informatics
(5 courses; 22.5 quarter units)

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

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

Specialization in Psychiatric-Mental Health Nurse Practitioner – Lifespan

Academic Program Director: Jovita Ezirim; (310) 662-2181; jezirim@nu.edu

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

Admission Requirements
Students applying for the PMHNP area of specialization must be accepted to the MSN program.

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

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

Degree Requirements
Students must complete a total of 55.5 quarter units for the PMHNP specialization. Students must maintain a cumulative GPA of 3.0 and must maintain a B (84%) in all courses. Students must obtain at least 510 hours at an approved practicum site with a designated approved preceptor during the practicum courses.

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

Total Specialization Requirements
(12 courses; 55.5 quarter units)

Preparation for PMHNP Specialization Courses
(3 courses; 15 quarter units)

Students must pass all MSN Core courses before beginning any Preparation for the PMHNP Specialization courses.

NSG 641* Advanced Pharmacology I
NSG 681* Advanced Physical Assessment
(6 quarter units)
NSG 682* Advanced Pathophysiology

*Students have the option of taking the preparation for MNP specialization concurrently with the 6 MSN core courses.

Specialization Requirements
(9 courses; 40.5 quarter units)

NSG 680 Diversity Issues in APN
MNP 643 Psychopharmacology in MH Care
MNP 694 MH Care: Adults/Aging Adults
Corequisite: MNP 696A
MNP 696A Adults/Aging Adults Practicum
Corequisite: MNP 694
MNP 687 MH Care: Children/Adolescents
Corequisite: MNP 696B
MNP 696B Children/Adoles Practicum
Corequisite: MNP 687
MNP 688A Introduction to Psychotherapy
Corequisite: MNP 688B
MNP 688B Intro Psychotherapy Practicum
Corequisite: MNP 688A
MNP 697 PMHNP Capstone

POST-GRADUATE CERTIFICATES
Post-Graduate Family Nurse Practitioner Certificate

Academic Program Director: Tina Ho;
(858) 309-3448; tho@nu.edu
The Post-Graduate FNP Certificate will prepare advance practice nurses to manage the care of individuals and families across the lifespan. This program is designed for nurses who hold a Master of Science in Nursing (MSN) or Doctor of Nursing Practice (DNP) or Doctor of Philosophy (PhD), who wish to advance their knowledge, education and skills to practice in an advanced practice role as a FNP. Graduates are eligible to sit for the FNP national certification examinations offered by the American Nurses Credentialing Center (ANCC) or the American Academy of Nurse Practitioners (AANP). The program emphasis is to foster the FNP’s abilities to critically think; make differential diagnoses; use evidence-based findings to improve healthcare outcomes; and be accountable for the provision of healthcare to diverse individuals and families in the areas of health promotion, disease prevention, management of acute and chronic health conditions and primary care. The FNP provides clinical management of primary care conditions in a variety of clinics and community-based settings.

*This certificate program is a non-degree, graduate-level program, participant receives a Post-Graduate Family Nurse Practitioner Certificate.

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

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

- Meet the University requirements for graduate study, listed in the General Catalog under admission requirements
- Hold a master’s or doctoral degree in nursing from a program that meets one of these criteria 1) State Board of Nursing approved, 2) Nationally accredited, 3) from a regionally accredited University/School, if applicable
- Provide proof of current, active and unencumbered RN license in the State of residence
- Have a GPA of at least 3.0 in graduate course work, on a 4.0 scale. Candidates with a GPA of 2.5-2.99 will be considered by the MSN Admissions Committee on a case by case basis
- Have completed the University Application for Graduate Admissions
- Have completed the Post-Graduate Certificate application packet
- Provide one official transcript from each college or university attended to the Registrar Office, and an unofficial transcript to admission advisor.
- Have two professional recommendation forms, preferably from individuals who hold graduate or doctoral degrees

Prior to the start of the program, candidates are required to

- 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, a clear drug screen and background check and current BLS certification

Additional Program Information
- Candidates are required to meet with their admission advisor to review the process for applying to and acceptance into the Nursing Program. The specifics described are program of study, schedules of courses, requirements for progression in the Program. Note: Prospective students should review the MSN & Post-Graduate Certificate packet before submitting the application.
- 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.
- Post-graduate FNP Certificate program is 100% online with flexible course scheduling. All accepted applicants must attend one virtual online program orientation. In addition, students in the FNP and PMHNP specializations are required to attend four one-day Objective Structured Clinical Examination (OSCE) in Costa Mesa. FNP and PMHNP practicum courses are offered as immersion practicum experiences, conducted in faculty approved, in-person, preceptored clinical settings.
- Students who request a change in specialization after they have been admitted to a prior
specialization must re-submit an application packet including a new goal statement, and one recommendation form completed addressing the new specialization area. A new resume is not required. All prerequisites must be met prior to admissions into the new specialization. The new application will be re-submitted via the Graduate Nursing e-form Application in SOAR by the Admission Counselor.

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

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

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

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

Students must obtain at least 600 hours at an approved practicum site with a designated approved preceptor during the practicum courses. Students must maintain a cumulative GPA of 3.0 and must maintain a B (84%) in all courses.

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

Total Certification Requirements
(10 courses, 46.5 quarter units)

Preparation for the Certification
(3 courses, 15 quarter units)

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

  - NSG 641 Advanced Pharmacology I
  - NSG 681 Advanced Physical Assessment (6 quarter units)
  - NSG 682 Advanced Pathophysiology

Requirements for the Certification
(7 courses 31.5 quarter units)

- FNP 642 Advanced Pharmacology II
- FNP 683A Primary Care of Adult and Aged 
  Corequisite: FNP 683B
- FNP 683B Care of Adult & Aged Practicum 
  Corequisite: FNP 683B
- FNP 684A Primary Care-Women & Children 
  Corequisite: FNP 684B
- FNP 684B Women and Children Practicum 
  Corequisite: FNP 684A
- FNP 685A FNP Residency 
  Corequisite: FNP 685B
- FNP 685B FNP Residency Practicum 
  Corequisite: FNP 685A
Post-Graduate Psychiatric Mental Health Nurse Practitioner Certificate

Academic Program Director: Jovita Ezirim; (310) 662-2181; jezirim@nu.edu

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

*This certificate program is a non-degree, graduate-level program. Upon completion of the program, participants receive a PMHNP Certificate of Completion. This program is approved by the Commission on collegiate Nursing Education (CCNE).

Admission Requirements

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

- Meet the University requirements for graduate study, listed in the General Catalog under admission requirements
- Hold a Master’s or doctoral degree in nursing from a program that meets one of these criteria
  1) State Board of Nursing approved, 2) Nationally accredited, 3) from a regionally accredited University/School, if applicable
- Provide proof of current, active and unencumbered RN license in the State of residence
- Have a GPA of at least 3.0 in graduate course work, on a 4.0 scale. Candidates with a GPA of 2.5-2.99 will be considered by the MSN Admissions Committee on a case by case basis
- Have completed the University application for Graduate Admissions, including the application fee
- Have completed the Post-Graduate Certificate application packet
- Provide one official transcript from each college or university attended to the Registrar Office, and unofficial transcript to admission advisor.
- Have two professional recommendation forms, preferably from individuals who hold graduate or doctoral degrees

Prior to the start of the program, candidates are required to

- 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, a clear drug screen and background check and current BLS certification

Additional Program Information

- Candidates are required to meet with their admission advisor to review the process for applying to and acceptance into the Nursing Program. The specifics described are: program of study, schedules of courses, requirements for progression in the Program. Note: Prospective students should review the MSN & Post-
Graduate Certificate packet before submitting the application.

- 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.

- Post-grad PMHNP Certificate program is 100% online with flexible course scheduling. All accepted applicants must attend one virtual online program orientation. In addition, students in the FNP and PMHNP specializations are required to attend four, one-day Objective Structured Clinical Examination (OSCE) in Costa Mesa. FNP and PMHNP practicum courses are offered as immersion practicum experiences, conducted in faculty approved, in-person preceptored clinical settings. Students who request a change in specialization after they have been admitted to a prior specialization must re-submit an application packet including a new goal statement, and one recommendation form completed addressing the new specialization area. A new resume is not required. All prerequisites must be met prior to admissions into the new specialization. The new application will be re-submitted via the Graduate Nursing e-form Application in SOAR by the Admission Counselor.

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

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

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

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

Students must obtain at least 510 hours at an approved practicum site with a designated approved preceptor during the practicum courses. Student must maintain a cumulative GPA of 3.0 and must maintain a B (84%) in all courses.

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

Total Certification Requirements
(10 courses; 46.5 quarter units)
Preparation for Certification  
(3 courses; 15 quarter units)

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

NSG 641 Advanced Pharmacology I  
NSG 681 Advanced Physical Assessment  
(6 quarter units)  
NSG 682 Advanced Pathophysiology

Requirements for the Certification  
(7 courses; 31.5 quarter units)

MNP 643 Psychopharmacology in MH Care  
MNP 694 MH Care: Adults/Aging Adults  
Corequisite: MNP 696A  
MNP 696A Adults/Aging Adults Practicum  
Corequisites: MNP 694  
MNP 687 MH Care: Children/Adolescents  
Corequisite: MNP 696B  
MNP 696B Children/Adoles Practicum  
Corequisite: MNP 687  
MNP 688A Introduction to Physhotherapy  
Corequisite: MNP 688B  
MNP 688B Intro Psychotherapy Practicum  
Corequisite: MNP 688A

COURSE DESCRIPTIONS

FIN – Finance

FIN 678 Regulation of Banks  
Prerequisite: FIN 609A  
Course introduces the regulation of financial institutions in the United States. The course addresses the history of the banking industry in the United States, the basic rationales for regulating banks differently than other enterprises, the restrictions imposed upon banks and other financial institutions, the causes and consequences of bank failures and their relationship to regulation and the rise of the shadow banking system.

FIN 679 Risk & Capital Mgmnt in Banks  
Prerequisite: FIN 609A

NSG – Nursing

NSG 500 RN-MSN Portfolio Transition  
This course allows demonstration of defined competencies through portfolio assessment in the content areas of quality improvement, community health and nursing leadership. Successful completion of all three content areas enables the student to transition to the desired Master of Science in Nursing (MSN) Program of study at National University. A BSN degree is not awarded upon successful completion of the NSG 500 course and MSN Program of study. Grading is S, U, I or IP.

SPD – Special Education

SPD 514 Lang/Lit- Case Study  
Prerequisite: SPD 631  
Course provides substantive, research-based instruction that effectively prepares candidates to assess and teach literacy to students with MMSN and ESN. Through a case study, candidates will administer and analyze a variety of reading/writing assessments, develop IEP goals specific to data from the assessment and plan lessons that promote student access and achievement in mastering literacy standards.

SPD 550A Student Teaching for ESN: A  
Prerequisite: Completion of all ESN core course work  
First half (8 weeks) of student teaching experience toward the ESN authorization. Establishment of 300 of 600 total hours. Clinical practice placement in a district-university approved California TK-12 special education classroom. Grading is S, U or In Progress (IP).

SPD 550B Student Teaching for ESN:B  
Prerequisite: SPD 550A  
Second half (8 weeks) of student teaching experience toward the ESN authorization. Establishment of 300 or
600 total hours. Clinical practice placement in a district-university approved California TK-12 special education classroom. Grading is S, U or In Progress (IP).

**SPD 552A Student Teaching for MMSN:A**  
*Prerequisite: Must complete All core coursework in MMSN program.*

First half (8 weeks) of supervised student teaching for MMSN authorization. Establishment of 300 of 600 total hours. Clinical practice placement in a district-university approved California TK-12 special education classroom. Grading is S, U or In Progress (IP).

**SPD 552B Student Teaching for MMSN: B**  
*Prerequisite: SPD 552A*

Second half (8 weeks) of student teaching experience toward the MMSN authorization. Establishment of 300 of 600 total hours. Clinical practice placement in a district-university approved California TK-12 special education classroom. Grading is S, U or In Progress (IP).

**SPD 600S Foundation Preparation: SPED**  
*Prerequisite: ITL 508*

Foundational preparation in special education pedagogy and law, typical/atypical human development, classroom/behavior management, SEL, literacy, inclusive HLP, UDL, technology, diversity and teaching English learners to become CTC intern eligible. This is one of three courses to meet the required 120 hours of course contact time. The internship required courses are SPD 600S, ITL 604 and ITL 530.

**SPD 621 Adv. Behavioral Supports & SEL**  
*Prerequisite: ITL 516*

Research-based assessments and strategies within multi-tiered systems to address behavioral and social emotional needs of learners with disabilities. Will explore development of functional behavioral assessments, positive behavior support plans and behavioral intervention plans. Will work collaboratively to minimize disruptive behaviors and increase adaptive behaviors and social emotional learning skills.

**SPD 631 Special Ed Law**  
*Prerequisite: SPD 621*

Examine legislated and litigated requirements for special education. Explore in-depth federal/case law that contribute to the placement, instruction, service delivery in addition to privacy issues in special education. Address federal and state courts’ interpretation of statues and regulations of special education service delivery, IEPs/IFSP, 504, transition plans and related services for learners MMSN and ESN.

**SPD 633 Assmnt, Differentiation MMSN**  
*Prerequisite: SPD 514*

Emphasize the use of formal and informal assessments and curriculum-based measures to determine learning strengths/challenges of students with MMSN. Examine appropriate selection of assessment tools and methods, administration and analysis of data to determine present level of performance, write IEP goals and plan instruction for students with MMSN.

**SPD 635 Collab & Case Mgmt MMSN**  
*Prerequisite: SPD 633*

Examine the roles and responsibilities of the educational specialist in a multi-disciplinary team to develop effective multi-tiered intervention plans. Design a comprehensive process for the collaboration and coordination of services and transition support across grade levels for students with MMSN.

**SPD 643 Assmnt Differentiation ESN**  
*Prerequisite: SPD 514*

Emphasizes use of formal and informal assessments and curriculum-based measures to determine learning strengths/challenges of students with ESN. Will examine appropriate selection of assessment tools and methods, administration, analysis of data to determine present levels of performance, write IEP goals and plan instruction for students with ESN.

**SPD 645 Colab & Case Mgmt ESN**  
*Prerequisite: SPD 643*

Addressing the dual responsibility of special educators to teach students and perform case management duties, will examine a comprehensive process for the coordination of services and transitions support across grade levels for students with ESN. Details management across educational settings, legal compliance, problem solving while ensuring and educational benefit for students.

**SPD 691A ESN Internship: A**  
*Prerequisite: Receipt of Internship Credential*

First half (4 months) of intern experiences as a teacher of record in first half of practicum experience required for an Education Specialist Credential with an ESN authorization. Grading is S, U or In Progress (IP).
Second half (4 months) of intern experiences as a teacher of record in the second half of practicum experience required for an Education Specialist Credential with an ESN authorization. Grading is S, U or In Progress (IP).

**SPD 693A MMSN-Internship: A**

*Prerequisite: Receipt of Internship Credential*

First half (4 months) of intern experiences as a teacher of record required for an Education Specialist Credential with an MMSN authorization. Grading is S, U or In Progress (IP).

**SPD 693B MMSN Internship: B**

*Prerequisite: SPD 693A*

Second half (4 months) of intern experiences as a teacher of record in second half of practicum experience required or an Education Specialist Credential with an MMSN authorization. Grading is S, U or In Progress (IP).