



SANFORD COLLEGE OF EDUCATION

MASTER OF ARTS IN EDUCATION

Take Your Passion for Teaching to a Higher Level

Passionate educators looking for growth and advancement are encouraged to pursue a Master of Arts in Education from National University. Candidates will expand their knowledge and opportunities as they learn about historical, philosophical, psychological, and social foundations of education; analyze issues of educational equity and diversity; develop understanding of students with learning differences; examine the foundations of curriculum, assessment, and instruction; and use educational research to deepen critical thinking skills.

Candidates will have opportunities to explore areas of interest such as Educational Technology, Teacher Leadership, e-Teaching and Learning, and U.S. Education in a Global Context.

Program highlights:

- Understand diversity issues and find ways to support equity in education.
- Integrate foundational theory and develop skills to make subject matter comprehensible to all learners.
- Intelligently analyze educational research, evidence-based practices, and academic writing.
- Apply theoretical foundations of education to examine personal, societal, and organizational practices.

**LEARN
MORE
TODAY**

Online and On-campus Programs
Monthly Starts and Accelerated Classes
WSCUC Accredited



NATIONAL
UNIVERSITY

Veteran Founded. Nonprofit. | NU.EDU

MASTER OF ARTS IN EDUCATION

Academic Program Director: Thomas Reynolds; (858) 642-8358; treynold@nu.edu

The Master of Arts in Education (MAE) program is designed for individuals interested in seeking professional growth and advancement in educational fields. Additionally, the program meets the needs of international students seeking a master's degree education. Students will complete a six-course core focused on exploring the historical, philosophical, psychological, and social foundations education; analyzing issues of educational equity and diversity; understanding learners with learning exceptionalities; examining the foundations of curriculum, assessment, and instruction; and using educational research to deepen critical thinking skills. Students in this program will have opportunities to select a four-course specialization from a variety of areas.

Note: This program is not designed for students seeking a teaching credential.

Program Learning Outcomes

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

- Analyze diversity issues in education to support equity in educational contexts and learning practices.
- Integrate foundational theory and skills to make subject matter comprehensible to all learners.
- Analyze the application of educational research, evidence-based practices, and academic writing.
- Apply theoretical foundations of education to examine personal, societal, and organizational practices.

Degree Requirements

To receive a Master of Arts in Education, students must complete 45 quarter hours of graduate work. A total of 4.5 quarter units of transferred, graduate credit may be granted for equivalent graduate work completed, as it applies to this degree and if the units were not used in earning another advanced degree.

Requirements for the Degree

(10 courses; 45 quarter units)

Core Requirements

(6 courses; 27 quarter units)

| | |
|---------|-------------------------------|
| TED 602 | Educational Foundations |
| SPD 604 | Psychological Fdns. of Educ. |
| TED 606 | Equity and Diversity |
| SPD 608 | Exceptionalities |
| TED 612 | Curric, Assess, & Instruction |
| TED 670 | Educational Research |

Prerequisite: TED 602 with a minimum grade of B-, SPD 604 with a minimum grade of B-, TED 606 with a minimum grade of B-, SPD 608 with a minimum grade of B- and TED 612 with a minimum grade of B-

OR

MAT 655* Leadership Impact Seminar

* Only for students in the Teacher Leadership Specialization

Candidates must also choose one of the following specializations:

Specialization in Best Practices

Academic Program Director: Joanne Gilbreath; (858) 642-8389; jgilbreath@nu.edu

The Best Practices Specialization instructs students in research-based Best Practices that accelerate student achievement. The program is based on 11 years of school-based research that turned around low-achieving schools and accelerated achievement at all schools where the Best Practices were used. Students will learn how to implement effective teaching strategies that accelerate student achievement and engage students in 21st-century learning. An interdisciplinary approach to learning will enable teachers to develop a systematic approach for teaching interdisciplinary vocabulary across the curriculum.

Teachers will learn how to use both textual and digital comprehension strategies, critical/creative 21st-century questioning and 21st-century problem-solving. An emphasis will be placed on differentiated and targeted instruction, student engagement/motivation strategies, cooperative, and other effective grouping patterns, and technological multimedia applications. All the Best Practice strategies will be tied to standards-based direct and indirect instruction.

Effective strategies for English language learners and other diverse learners are integrated throughout the four courses in Best Practices in Teaching. Along with learning the

strategies listed above, candidates will be taught how to create multidisciplinary standards-based lesson plans using the structure of Teach, Practice, and Apply.

Program Learning Outcomes

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

- Integrate Best Practices for standards-based instruction across content areas.
- Use Best Practices teaching strategies across the curriculum.
- Apply to their teaching the framework of Teach, Practice, and Apply using Best Practice teaching strategies.
- Implement Best Practice teaching strategies for the development of vocabulary, math, reading comprehension, and interdisciplinary learning.
- Apply student engagement/motivational strategies.
- Integrate Best Practices in multimedia-interactive classroom instruction.
- Demonstrate a repertoire of differentiated instructional strategies.

Required Courses

(4 courses; 18 quarter units)

| | |
|---------|-----------------------------------|
| MAT 670 | Theory Best Practice Teaching |
| MAT 671 | Appl. Best Practice Strat. in Cl. |
| MAT 674 | Differentiated Instruction |
| MAT 675 | 21st Century Multimedia & Tech |

Specialization in e-Teaching and Learning

Academic Program Director: Thomas Reynolds; (858) 642-8358; treynold@nu.edu

The e-Teaching and Learning Specialization in the Master of Arts in Education Program is designed to meet the growing need for quality online instructors in PK-16, community colleges, and corporations. The specialization focuses on: learning and applying effective student-centered online pedagogical skills, developing online curriculum that adheres to the National Standards for Quality Online Teaching, and assessing online learning using multiple assessment strategies. Upon completion of this specialization, candidates will be prepared.

Program Learning Outcomes

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

- Effectively teach in the online learning environment
- Analyze professional standards, trends and issues in the online environment.
- Demonstrate the use of active teaching and assessment strategies for the online environment.
- Apply evidence-based best practices research in the online teaching environment.

Requirements for Specialization

(4 courses; 18 quarter units)

| | |
|---------|---------------------------------|
| ETL 680 | Introduction to e-Teaching |
| ETL 682 | Active Teaching and Learning |
| ETL 684 | Differentiated Online Instruct. |
| ETL 686 | Designing Instr. Materials |

Prerequisite: ETL 680, ETL 682 and ETL 684

Specialization in Educational Technology

Academic Program Director: Cynthia Sitek-Chandler; (858) 642-8322; cchandler@nu.edu

This specialization is designed for individuals wishing to develop their knowledge and skills for using technology in the educational setting.

Program Learning Outcomes

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

- Integrate interdisciplinary connection between evidence-based technologies for multimedia instruction.
- Use teaching strategies to accommodate learners in an online or blended environment.
- Participate in online community building and web-based interactive activities.
- Assess the effectiveness and efficiency of multimedia courseware and internet resource for use in instruction and delivery system.
- Examine the critical issues involved in designing effective distance educational programs.
- Design web-based courses using web page design authoring tools.

Required Courses

(4 courses; 18 quarter units)

| | |
|---------|--------------------------------|
| EDT 605 | Education Theory & Technology |
| EDT 610 | Teaching Online |
| EDT 660 | Multimedia & Interactive Tech. |
| EDT 671 | Curriculum for Online Learning |

Prerequisite: EDT 605, EDT 610 and EDT 660

Specialization in Teacher Leadership

Academic Program Director: Sidney Castle; (858) 642-8363; scastle@nu.edu

This five-course specialization comes from the Advanced Learning Press Center for Performance Assessment, which offers a unique master's degree program that provides teachers with the skills and theories to be leaders in their classrooms and schools. It is a collaborative effort with Advanced Learning Press, which already offers a ten-course master's degree in educational leadership. All the courses will be offered online. Similar to the National Board Specialization, the capstone is an alternative course to MAT 640 Applications of Research for the Art of Teaching. The capstone course is MAT 655 Leadership Impact: Synthesis of Theory and Practice.

Program Learning Outcomes

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

- Demonstrate an understanding of the principles of effective educational accountability.
- Demonstrate the ability to analyze and understand research on educational leadership.
- Demonstrate an understanding of how to lead learning communities and cross-cultural educational initiatives within school and classroom.
- Demonstrate the ability to build professional relationships and networks for instructional leadership.

Required Courses

(5 courses; 22.5 quarter units)

| | |
|---------|-------------------------------|
| MAT 651 | Assessing Educational Leaders |
| MAT 652 | Leadership Accountability |
| MAT 653 | Motivational Leadership |
| MAT 654 | Seminar in Social Issues |
| MAT 655 | Leadership Impact Seminar |

Specialization in Teaching Mathematics

Academic Program Director: Zhonghe Wu; (714)429-5144; zwu@nu.edu

Designed to improve the quality of teaching mathematics in grades K-9, courses focus on the pedagogy of mathematics and the development of balanced instructional programs that meet the needs of today's diverse students. In order to be successful in this program, potential candidates should have basic mathematics knowledge and skills (equivalent to CSET multiple subject and Praxis II Elementary Education) or above.

Program Learning Outcomes

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

- Analyze current principles, state and national standards, trends, and issues in teaching mathematics in grades K-9.
- Demonstrate the ability to develop a balanced program of mathematics instruction that includes conceptual understanding, procedural fluency, and problem solving in algebra, geometry, statistics, probability and number theory.
- Apply evidence-based best practices research in the delivery and evaluation of a balanced mathematics education program.

Required Courses

(4 courses; 18 quarter units)

| | |
|---------|--------------------------------|
| MAT 635 | Contemporary Issues/Challenges |
| MAT 636 | Teaching Algebra/Number Theory |

Prerequisite: MAT 635

| | |
|---------|-------------------------------|
| MAT 637 | Teaching Geometry/Measurement |
|---------|-------------------------------|

Prerequisite: MAT 635 and MAT 636

| | |
|---------|----------------------------|
| MAT 638 | Teaching Probability/Stats |
|---------|----------------------------|

Prerequisite: MAT 635, MAT 636 and MAT 637

Specialization in U.S. Education in a Global Context

Academic Program Director: Peter Serdyukov; (858) 642-8333; pserdyuk@nu.edu

Courses are designed for K-12 teachers. With a focus on global education, content offered in this program will provide educators with advanced views on U.S. school practices based on comparative analysis of international educational systems. Students will gain knowledge of issues affecting education and innovative approaches in teaching and learning that will be applied in contemporary school environments.

Program Learning Outcomes

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

- Analyze the interdependence among socio-economic, political, geographic and technological factors at both national and global levels and their impact on education and educational systems.
- Analyze the ways in which cultural, religious and linguistic factors affect countries' choices of educational systems and educational priorities.
- Evaluate various international educational theories and practices using research and personal experiences in order to make improvements to current school environments.
- Implement new knowledge of innovative international educational systems, educational theories, and practices into practical recommendations for improving teaching and learning in U.S. schools.
- Design effective organizational, technological or instructional applications to address challenges in the U.S. professional educational environment.

Specialization Requirements

(4 courses, 18 quarter units)

| | |
|---------|------------------------------|
| MAT 620 | Multidimensional Education |
| MAT 621 | Impact of Culture & Language |

Prerequisite: MAT 620

| | |
|---------|-------------------------|
| MAT 622 | Comparative Ed. Systems |
|---------|-------------------------|

Prerequisite: MAT 621

| | |
|---------|------------------------------|
| MAT 623 | Transformative Ed. Practices |
|---------|------------------------------|

Prerequisite: MAT 622