College of Education
Elementary Education
Mailstop 0280
WRB 3100
University of Nevada, Reno
Reno 89557

(775) 784-4961
(775) 327-5220 (Fax)
Master of Science in Elementary Education

The Master of Science program in Elementary is designed for inservice teachers in the field of elementary education to deepen their understanding of content and pedagogy in the science and mathematics. The coursework is carefully designed to provide students with an in-depth knowledge of standards, research and pedagogy to be effective learners. Through this master, teachers can refine and improve their instruction beyond mathematics and science. This program also prepares students to serve in leadership capacities (in math, science or STEM) in their schools, district and communities.

GOALS OF PROGRAM:

- Develop teacher leaders in elementary education with a focus on STEM content
- Develop capacity to improve overall learning of elementary students
- Provide teachers with cutting-edge research and pedagogical tools and content to improve instruction

Student Learning Outcomes:

Upon completion of this program, graduates will be able to:

SLO #1: Analyze and synthesize research in elementary education

SLO #2: Apply research on content and pedagogy in elementary education in the classroom to improve student learning.

SLO #3: Demonstrate leadership abilities to serve in leadership roles in the school, the district and the communities

Program Information contact:
Dr. Teruni Lamberg, Elementary Education Program Coordinator
terunil@unr.edu
775-682-7533
WHAT TO DO IF YOU ARE INTERESTED?

There are two parts to the application project:

1. **Graduate School Application for Master of Science in Elementary Education:**

   Admission Procedures: **Apply to the UNR Graduate School**
   
   Apply online at: [http://www.unr.edu/grad/](http://www.unr.edu/grad/)
   
   Verify when you are applying that the code will be MS-EED.
   
   Please forward all official transcripts to:
   
   Graduate School M/S 0326
   
   University of Nevada, Reno, NV
   
   89557-0326

2. **Apply to the Elementary Master of Science Program:**

   Include the following materials in your completed packet:
   
   - Completed application form
   - 3-4 page essay that addresses these issues:
     - Why are you interested in applying to this program?
     - What special skills do you have in elementary education as a teacher with a focus on science and mathematics?
     - What professional contributions have you made to your school and/or district?
   - Signed disposition sheet (attached)
   - Professional resume that summarizes teaching experiences and related experiences working with students, teachers and the community
   - 2 letters of recommendation (will accept the graduate school on-line recommendations). At least one recommendation must be from a supervisor who has directly observed your work with children. The other recommendation may be from an employer who has directly supervised your work experiences. Recommendations should provide detailed descriptions of professional qualities and potential for teaching.
   - Copy of teaching license (K-8) if applicable
   - If your GPA is below 3.0, a copy of your GRE scores from the past 5 years

   Please e-mail or mail application materials to:
   
   Elementary Education
   
   M/S 0280  College of Education
   
   University of Nevada, Reno
MASTER OF SCIENCE IN ELEMENTARY EDUCATION
PROGRAM APPLICATION FORM

Please complete this form and return it to:
Elementary Program MS 0280
University of Nevada, Reno
Reno, NV 89557-0280

Name ___________________________________  
R# (if available) __________________________
Address: ___________________________________
_________________________________________
Home Phone: (___)________________________
Work Phone: (___)________________________
Email: _________________________________

Please include all materials:
___ 2 letters of recommendation (if not included in the Graduate application submission)
___ Professional Resume
___ 3-4 pg. Essay
___ Copy of teacher license if applicable
___ Signed disposition form
___ GRE scores (if undergraduate GPA is below 3.0)

Please select and acknowledge and sign one of these statements below:

___ I have not been convicted of any crime (other than a minor traffic violation).

___ I have been convicted of a crime other than a minor traffic violation. (This may exclude you from teacher licensure and admission to the teacher education program.)

Please attach a description of the crime and dates OR schedule a meeting with the Associate Dean to discuss this.

___ I certify that all the information that I have provided is true and accurate.

___________________________________________________________________
Signature and Date
Sample Program of Study
(A specialized program can be co-designed with you and your instructor based on your area of interest)

M.S. IN ELEMENTARY EDUCATION  (36 CREDITS)

This Master’s Program is designed to expand the content knowledge and teaching pedagogy in math, science, and STEM disciplines. The major focus will be on mathematics and science content. To improve classroom instruction with support courses in engineering design, curriculum development, and integration of STEM disciplines for instruction.

Core (6 credits)
EDUC 624  Curriculum Development in Mathematics
EDUC 625  Curriculum Development in Science

Research Core (3 credits)
EDRS 700  Introduction to Educational Research

Math Content Courses (9 credits)
CTL 651  Improving Mathematics Instruction
EDS 750  Advanced Methods of Teaching Geometry and Measurement
EDS 749  Advanced Methods of Teaching Mathematical Problem Solving

Science & Engineering Content Courses (9 credits  Choose 3 of these)
EDUC 695  Biology for K-8 Teachers
EDUC 695  Earth and Space Science for K-8 Teachers
EDUC 695  Physical Sciences for K-8 Teachers
ENGR 691  Engineering Design & Technology

Electives  (all 3 credits)
Education Courses
   CTL 742  Models of Teaching (on-line fall)
   CTL 730  Curriculum Theory  (spring)
   CTL 721  Assessment  (spring)
   EDUC 447/647  Family Engagement (fall, spring summer)

Practical Application (Internship) (3 credits)
CTL 728C  Problems in Teaching Science
    (or)
CTL 728A  Problems in Teaching Mathematics

Professional Research Project / paper (3 credits)
CTL 795  Comp Exam / Project
All professional educators are expected to adhere to a professional code of conduct. Any educator pursuing graduate studies serves as a model for others. The faculty of the College of Education at the University of Nevada, Reno have adopted a set of professional behaviors or dispositions that are crucial for graduate level students. These dispositions apply to the university setting, courses, and field experiences. Failure to demonstrate one or more of the dispositions may lead to an individualized plan for improvement and, in extreme cases, could lead to removal from the program. The list of dispositions is not exhaustive. Depending on the situation, there could be behaviors that do not appear on the list, but which could be considered in an evaluation of readiness to continue in graduate study.

### Reflective Practitioner

<table>
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<tr>
<th>Professional Ethics.</th>
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<td>The candidate adheres to standards of ethical conduct including academic honesty and confidentiality.</td>
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<th>Collaboration/Collegiality.</th>
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<td>The candidate works effectively with colleagues and contributes to a professional collegial atmosphere.</td>
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<th>Commitment to Education.</th>
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<td>The candidate values the educational professions. He or she exhibits a positive attitude toward schools, teaching, students, and parents.</td>
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<th>Emotional Maturity.</th>
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<td>The candidate responds to frustration and stress professionally and appropriately.</td>
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<th>Professional Demeanor &amp; Responsibility.</th>
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<td>The candidate demonstrates reliability by attending classes and other required experiences fully and completing work on time, communicating with relevant individuals when this is not possible.</td>
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<th>Professional Feedback.</th>
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<td>The candidate is receptive and responsive to professional feedback, incorporating suggestions</td>
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<th>Self-Reflection.</th>
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<td>The candidate reflects on and evaluates his or her behavior and work. He or she is willing to consider multiple perspectives of his or her performance. The candidate is willing and able to recognize difficulties or deficiencies and begins to develop potential solutions.</td>
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### Multiculturalism and Democracy

**Student Focus.**

The candidate recognizes and respects students as valued and unique individuals and believes that all students can learn.

**Commitment to Diversity.**

The candidate values diversity in relation to such human dimensions as race/ethnicity, national origin, native language, social class, gender and gender identity, sexual orientation, abilities, and political and religious beliefs.

### Love of Learning & Strong Fund of Knowledge

**Initiative and Problem Solving.**

The candidate takes initiative in his or her own learning, seeks help, and solves problems.

**Commitment to Learning.**

The candidate is curious and interested in learning more about students and content area.

The candidate seeks out and takes advantage of opportunities for professional growth.

The candidate recognized and assumes increasing responsibility for directing and contributing to his/her own educational development.

The candidate recognizes, appreciates, and applies appropriate research findings to his/her current practice.

### Research and Scholarship

**Ethical Researcher.**

The candidate understands and adheres to accepted practices regarding acknowledging and referencing other’s ideas, writings, and data.

The candidate understands and adheres to requirements for the protection of human subjects as set forth through the Institutional Review Board.

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I have read the dispositions and professional behaviors above and I understand they describe a set of expectations for candidates enrolled in teacher education programs in the College of Education at the University of Nevada, Reno. I further understand that as a teacher education candidate if I do not exhibit these behaviors based on the professional judgment of program faculty, I may be asked to leave the program.

Candidate Signature: __________________________________________ Date: __________

Candidate Name (Print): __________________________________________