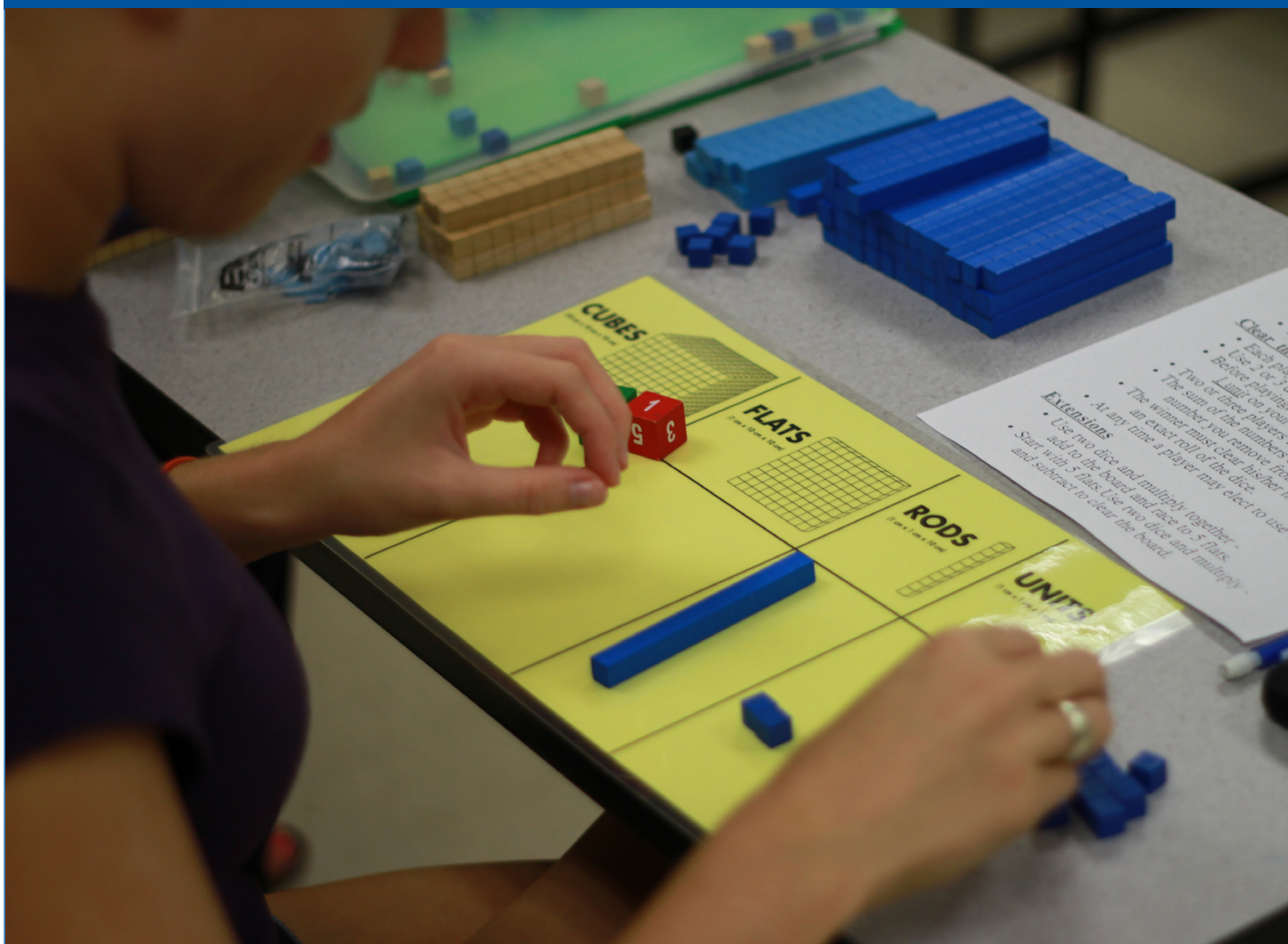




ELEMENTARY AND MIDDLE SCHOOL MATHEMATICS

Master of Science in Education Degree Concentration



The Elementary and Middle School Mathematics program prepares licensed teachers with Baccalaureate degrees and at least two years of mathematics teaching experience for an elementary and middle school mathematics specialist position.

Virginia teachers at the elementary and middle school levels must possess a deep understanding of the mathematics they are teaching, an understanding of how it connects to higher levels of mathematics and a skillful use of methods to guide students in the learning. Well-prepared teacher leaders in a specialist's role can provide the professional development that is critical for improving teaching and student learning.



Program at a Glance:

- Program focuses on scholarly investigation, faculty mentoring and practical experiences.
- Flexible course scheduling and locations to accommodate working professionals.
- Courses are offered in a hybrid format: (in-person and online class time).
- Completion of the program with at least three years teaching experience in elementary or middle school where the teaching of mathematics is a primary responsibility meets current eligibility requirements for the Postgraduate Professional License with an add-on endorsement as a Mathematics Specialist for Elementary and Middle School Education.

Admission Requirements

- Graduate of a four-year regionally accredited college or university.
- A minimum, overall undergraduate GPA of 2.75 (on a 4.0 scale). If not, either a minimum mean score on two out of three parts (verbal, quantitative, analytical writing) of the General GRE test OR a GPA of 3.5 on 6 hours of Longwood graduate courses that are part of the degree program to which the applicant is applying taken as a non-degree registrant within the last 12 months.
- Personal essay of 500 words or more addressing reasons for seeking graduate education.
- Two recommendations related to your competence and effectiveness in your academic and professional work.
- Valid Virginia teaching license or equivalent from another state.
- A minimum of two years teaching experience including mathematics curriculum.
- Official transcripts from each college/university from which you earned a bachelor's or master's degree or additional course credit following the conferral of your degree.

No more than nine Longwood non-degree graduate hours may be counted towards a degree, certificate or professional endorsement program. Students are expected to apply to a Longwood graduate program prior to enrolling in classes. At the latest, all application materials should be received before the completion of six hours.

Program Requirements

33 Credits

Spring I

MATH 651 Numbers and Operations for K-8 Teachers (3)

Summer I

MAED 623 Teaching Mathematics in Grades K-8 (3)

MATH 659 Probability and Statistics for K-8 Teachers (3)

Fall I

MATH 653 Rational Numbers and Proportional Reasoning for K-8 Teachers (3)

Spring II

MATH 655 Functions and Algebra for K-8 Teachers (3)

Summer II

MAED 625 Assessment in Mathematics (3)

MAED 550 Technology and Block Programming for K-8 Teachers (3)

Fall II

MATH 657 Geometry and Measurement for K-8 Teachers (3)

Spring III

MAED 650 Mathematics Specialist Leadership (3)

MAED 691 Professional Portfolio (0)

Summer III

EDUC 502 Research Design (3)

EDUC 571 Foundations of Instruction and Learning Theory (3)

Completion of Master's Degree

Application Deadline *(good guideline, not absolute)*

Enrolling Semester	Deadline
Spring	Oct. 1



Program Director

Maria Timmerman, associate professor
434.395.2890
timmermanma@longwood.edu

Tuition and Fees

Longwood offers an outstanding, but very affordable, education. The value of a Longwood education is recognized in *America's Best College Buys*, which rates colleges on a combination of academic quality and cost. For current fees, contact the Office of Cashiering and Student Accounts at 800.281.4677, ext. 4 or 434.395.2274 or visit www.longwood.edu/studentaccounts.

For more information:
www.longwood.edu/gradprograms