

# Master of Arts in Teaching with Mathematics 4-8 Certification

The graduate plan in Teaching leads to the Master of Arts in Teaching (MAT) degree. Students completing this degree plan are eligible for Math 4–8 teacher certification. This degree consists of a minimum of 36–37 hours.

Students who meet the graduate admissions requirements to the College of Education (COE) (see [Graduate Admissions Requirements](#)) must meet additional requirements prior to being admitted to the MAT program. Each applicant must:

- have a GPA of 2.750 over the last 60 hours; and
- provide proof of achieving a passing score on the Mathematics 4–8 state assessment.

Check prerequisites before enrolling in any course.

Required MAT Courses (24 hours)	
LLLS 5531	Critical Reading and Thinking Credit Hours: 3
SILC 6030	Foundations of Multicultural Education Credit Hours: 3
SPED 5030	Survey of Individual Differences Credit Hours: 3
TCED 5030	Models of Teaching Credit Hours: 3
TCED 5034	Management Strategies for Creating a Positive Learning Environment

	Credit Hours: 3
TCED 5333	Teaching Mathematics in the 4–8 Classroom Credit Hours: 3
TCED 5431	Nature of the Middle Level Learner Credit Hours: 3
TCED 6031	Application of Technology in the Classroom Credit Hours: 3
Electives (6 hours)	
Select 6 hours of electives in consultation with academic adviser.	
MATH 5031	Problem-Solving Strategies Credit Hours: 3
MATH 5033	Instructional Applications of Algebra
MATH 5034	Geometry Seminar Credit Hours: 3
MATH 5035	Precalculus Courses for Mathematics Teachers of Grades 10–14 Credit Hours: 3
MATH 5037	Technology for Mathematics Curriculum Credit Hours: 3
Other Course (0-1 hour)	
TCED 5010	Professional Preparation Seminar Credit Hours: 1
Additional Information	
Students not passing the Pedagogy and Professional Responsibility state assessment by the final semester of this plan must also enroll in and successfully complete this course.	
Capstone Experience (6 hours)	
TCED 6769	Clinical Teaching Credit Hours: 6