

Secondary Mathematics
Graduate Certificate Requirements
16 Graduate Credit Hours

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Phase I: Graduate Certificate in Teaching for Secondary Math

The Graduate Certificate in Teaching is an initial licensure program. Upon completion of the Phase I, the Graduate Certificate in Teaching, candidates may choose to apply all their coursework to the optional Phase II Master of Arts in Teaching (MAT) (see below).

MDSK 6162:	Planning for K-12 Instruction (3)	Semester	Grade
MDSK 5204:	The Connected Classroom (2)		
MAED 5252:	Teaching Mathematics Middle and Secondary School Learners (3)		
MDSK 5300:	Content Area Instruction and Assessment (3)		
SECD 5140:	The Secondary School Experience (2) OR		
MDSK 6252:	Differentiating Instruction for Adolescent Learners (2)		
Final Course in this phase:			
SECD 6470: Graduate Student Teaching and Internship (3)			
*This final course is a full-time internship requiring employment as a math teacher in an approved secondary school or a non-paid placement with a licensed math teacher in a public middle school. It requires application and approval during the semester prior to the internship.			

Optional PHASE 2: Master of Arts in Teaching (MAT)

14 Credit Hours

Prerequisite: To begin Phase II, candidates must complete Phase I: The Graduate Certificate Program (see above) and apply to the Graduate School. Admission to the Graduate Certificate program does not indicate admission to the MAT. Upon completion of Phase II MAT, candidates can apply for an Advanced Level (M-level) license.

MDSK 6260:	Principals of Teacher Leadership (3)	Semester	Grade
MDSK 6220:	Adolescence & Learning (2)		
MAED 6252:	Advanced Methods of Teaching Middle and Secondary Math (3)		
MDSK 6262:	Ai and edTECH in the Classroom OR Advanced Content Course		
MDSK 6691:	Seminar in Professional Development (3)		