



Mathematics (5-12)

Secondary Education Requirements

Block One	Course	Cr	Pre-Req / Co-Req
TEGR 510	Education's Place in Society & Fld Exp I	3	
TEGR 512	Human Relations / Multicultural Ed	3	

Assessment at Transition Point I: Exploration**Block Two**

TEGR 530	Psychology for Teaching & Learning	3	Pre: TEGR 510 / Co: TEGR 532
TEGR 532	Fld Exp II: Learning & Teaching	1	Pre: TEGR 510 & Fld Exp I
SPED 750	Survey of Exceptionality	3	

Assessment at Transition Point II: Learning & Teaching**Block Three**

TEGR 581	C&I: (5-12) Mathematics	4	Pre: TEGR 530 / Co: TEGR 583
TEGR 583	Fld Exp III: Curriculum & Instruction	1	Pre: TEGR 532
TEGR 585	Reading for the 5-12 Teacher	3	

Assessment at Transition Point III: Curriculum & Instruction**Block Four****Praxis II Exams (PLT #0524) and (Content #0061) required for licensure.**

TEGR 660	Clinical Practice & Seminar	7	Pre: Blocks 1-3 & content area courses
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Assessment at Transition Point IV: Clinical Practice – Recommendation for Licensure**Master's Completion**

CIED 500	Educational Research	3	May be taken at any time -- Courses for Master's must be completed within seven years from program entry
	Elective from School of Education	3	

Required Credits: 34

Mathematics Requirements

MATH 113	Calculus I (or 108-109)
MATH 114	Calculus II
MATH 200	Multi-Variable Calculus
MATH 210	Introduction to Differential Equations and Systems
MATH 240	Linear Algebra
MATH 301	Abstract Algebra [fall]
MATH 317	Real Analysis [fall]
MATH 325	Geometry [even springs only]
MATH 450	Advanced Mathematics: Exploration & Exposition [fall]
Plus Either:	
MATH 303 and MATH 3xx	Statistics for the Applied Sciences & one addt'l course 300 and above
Or:	
MATH 313 and MATH 314	Probability [spring] and Mathematical Statistics [fall]