



Mathematics (5-12)

Secondary Education Requirements

Block One	Course	Cr	Pre-Req / Co-Req
EDUC 210 (456)	Education's Place in Society & Fld Exp I Part I: Inclusion & Belonging	4 --	
EDUC 212	Human Relations / Multicultural Ed	4	

Assessment at Transition Point I: Exploration (Praxis Exam I, PPST required for Block Two)

Block Two	Course	Cr	Pre-Req / Co-Req
EDUC 330	Psychology for Teaching & Learning	4	Pre: EDUC 210 / Co: EDUC 332
EDUC 332 (456)	Fld Exp II: Learning & Teaching Part II: Inclusion Examples & Strategies	0 --	Pre: EDUC 210 & Fld Exp I
EDUC 355	Reading for the 5-12 Teacher	4	

Assessment at Transition Point II: Learning & Teaching

Block Three	Course	Cr	Pre-Req / Co-Req
EDUC 381	C&I: (5-12) Mathematics	4	Pre: EDUC 330 / Co: EDUC 383
EDUC 383 (456)	Fld Exp III: Curriculum & Instruction Part III: Partnerships	0 --	Pre: EDUC 332

Assessment at Transition Point III: Curriculum & Instruction

Block Four	Course	Cr	Pre-Req / Co-Req
Praxis II Exams (PLT #0524) and (Content #0061) required for licensure.			
EDUC 460	Clinical Practice & Seminar	10	Pre: Blocks 1-3 & content area courses
EDUC 456	Inclusive School Community Part IV	2	Concurrent registration 460, 456

Assessment at Transition Point IV: Clinical Practice – Recommendation for Licensure

Required Credits: 32

Mathematics Co-Major Requirements

CISC 130	Introduction to Programming and Problem Solving in the Sciences
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 add'l course 300 and above
Or:	
MATH 313 and	Probability [spring] and
MATH 314	Mathematical Statistics [fall]