

B.A. Math and Secondary Education 9-12

Math teacher education can be done by double majoring in Mathematics and Secondary Education or by majoring in Secondary Education and minoring in math while also completing additional math courses for teacher certification. This advising sheet represents the plan for persons double majoring in Mathematics and Secondary education. Students interested in minoring in math and majoring in secondary education should consult an education advisor. Student is responsible for monitoring progress toward admission to teacher education program and completion of degree and certification requirements including completion of a minimum of 124 credits (including transfer credit consistent with college policies).

Secondary (9-12) Ed. Requirements	Course Name	Credits	Semester Completed	Grade
	EDU 175	Culturally Responsive Teaching (2)		
EDU 206	Teaching Diverse Learners (4)			
EDU 213	Alternative Clinical Fieldwork in Schools II (1) - <i>Optional</i>			
EDU 214	Clinical Fieldwork in Schools I (1)			
EDU 220	High Leverage Teaching Strategies (4)			
EDU 275	Instructional Design & Assessment (4)			
EDU 280	Disciplinary Literacy & Methods of Instruction (5)			
EDU 308	Literacy Interventions in the Secondary Classroom (4)			
EDU 311	Clinical Fieldwork in Schools II (1)			
EDU 315	Clinical Fieldwork in Schools III (1)			
EDU 401	Reflective Student Teaching Seminar (4)			
EDU 420	Student Teaching in Secondary School I (6)			
EDU 421	Student Teaching in Secondary School II (6)			
EDU 501	Intro to Differentiated Instruction (4)			
46 Credits		0		

Math Requirements	Course Name	Credits	Semester Completed	Grade
	MAT 200	Calculus II (4) (major or minor)		
MAT 201	Calculus III (4) (major or minor)			
MAT 202	Differential Equations (4) (major or minor)			
MAT 281	Linear Algebra (4) (major or minor)			
MAT 290	Bridge to Advanced Mathematics (4) (major)			
MAT 447	Abstract Algebra (4) - for cert. & major			
MAT 450	Mathematics Research met by student teaching (0) (for major)			
MAT 452	Sr. Project met by student teaching (0) (for major)			
Two four-hour Math courses at the 300-400 level selected must include:				
MAT 301	College Geometry (4)			
MAT 3XX	Select one from: 302 Calculus IV (4) OR MAT 305 Introduction to Probability (4) OR 320 History of Math (4)			
Additional Requirements for Certification				
MAT 190	Introduction to Computer Science (4)			
36 Credits		0		

Core Curriculum Requirements	Course Name	Credits	Semester Completed	Grade
	CTI 100	The Responsible Self (4)		
CTI 102	Written Communication (4)			
MAT 109	Calculus I (4)			
CTI 150	Identity & Society (2)			
CTI XXX	Diversity & Inclusion US (COM/WST 381, CTI 200, CTI/WST 221, COM/CTI 238, CTI 239, CTI 240, CTI 284 - STRONGLY SUGGESTED, CTI 286, HIS 202, ENG 255, ENG/WST 260) (0-4)			
CTI XXX	Diversity & Inclusion Global (GEO 304, CTI 215, PHI 399, CTI 216, CTI 219, COM 358, CTI 287, HIS 310, FRE 315, POL 230, SPA 315, SPA 324) (0-4)			
CTI 2XX	201-220 Culture & Traditions Course (4) - if not already met by a D&I course			
CTI 2XX	225-249 Sacred and Secular Course (4) - if not already met by a D&I course			
CTI 2XX	275-299 Power & Justice Course - CTI 284 School & Society STRONGLY recommended (4) - if not already met by a D&I course			
CTI 4XX	400-499 Capstone Course (4)			
30-38 Credits		0		

Foreign Language Requirements	B.A. Students must complete foreign language study through intermediate level. That can include LANG 111 AND 112, but must include the equivalent of 211.			
	111	Intensive Beginning Language I		
112	Intensive Beginning Language II			
211	Intermediate Language IF the Language is Spanish			
4-12 Credits		0		

Electives	Course Name	Credits	Semester Completed	Grade
TOTAL		0		