## **DEGREE WORKSHEET FOR:**

## BS Mathematics: Middle School Teaching Concentration

YEAR 1- FALL (16 credits)		YEAR 1- SPRING (16 credits)	
MATH 185 Number Sense and Algebra <sup>f</sup> (LAX1*)	3 credits	credits MATH 131 Calculus I (LAX1*)	
CS 120 Computer Programming	3 credits	3 credits MATH 283 Fundamental Mathematics IIIs	
MATH 102 Success in Mathematical Sciences b	1 credit	ENG 225 Communications on a Theme (LAW2*)	3 credits
ENG 122 College Composition (LAW1*)	3 credits	Liberal Arts Curriculum <sup>a</sup> (choose one LAB1, LAB2 or LAB3 that is also a LAMS and/or LAIS	3 credits
Liberal Arts Curriculum <sup>a</sup> (choose one LAA1, LAA2, LAA3, or LAA4 that is also a LAMS and/or LAIS)	3 credits	Liberal Arts Curriculum <sup>a</sup> (LAA1, LAA2, LAA3 or LAA4*)	3 credits

Liberal Arts Curriculum<sup>a</sup>

		of Teaching Mathematics s	
Liberal Arts Curriculum <sup>a</sup> (LAS1; LAS1L*)	) 4 credits STEP 262 Observation and Analysis of Sec. Teaching		2 credits
University-wide Elective	3 credits	ES EDSE 360 Adaptations/Modifications	

MATH 464 Introduction to History of Mathematics of OR	3 credits	STEP 464 Secondary Student Teaching	14 credits
MED 449 Teaching Mathematics with Technology e,f			
MED 441 Methods of Teaching Mathematics <sup>f</sup>	3 credits		
STEP 363 Clinical Experience- Secondary <sup>f</sup>	2 credits		
ET 449 Integrating Technologies into Sec Ed Pedagogy	3 credits		
University-wide Elective	3 credits		
Application for Student Teaching <sup>c</sup>			

<sup>&</sup>lt;sup>a</sup>Liberal Arts Core courses can be taken any semester (see Note 1 on page 2)

<sup>&</sup>lt;sup>b</sup> You need to complete 10 credits of University-wide Electives.

<sup>&</sup>lt;sup>c</sup>PTEP Applications are due *early* in the semester; contact the Math Content Coordinator for specific dates.

d Satisfies requirements for Colorado ELL Educator Preparation Standard and counts as an LAC Multicultural Studies (LAMS)

<sup>&</sup>lt;sup>e</sup>Course is only offered in even years

LAA3	Arts & Humanities: Ways of Thinking	LAS1	Natural & Physical Sciences
LAA4	Arts & Humanities: World Languages	LASL	Natural & Physical Sciences LAB
LAB1	Social & Behavior Sciences: Economic or Political Systems	LAW1	Introductory Written Communication
LAB2	Social & Behavior Sciences: Geography	LAW2	Intermediate Written Communication
LAB3	Social & Behavior Sciences: Human Behavior, Culture or Social Frameworks	LAW3	Advanced Written Communication
LAH1	History	LAX1	Mathematics