



DEGREE WORKSHEET FOR:
Elementary Education – Mathematics Emphasis
2017-2018 Catalog
Degree Requirements – 126 credits

YEAR 1- FALL (16 credits)		YEAR 1- SPRING (18 credits)	
LAC 1a - ENG 122 – College Composition	3	LAC 1b – SCI 225, ENG 123 or ENG 225	3
MATH 185 – Number Sense and Algebra	3	MATH 186 – Elements of Calculus	3
LAC 3a or 3c – ART 190, MUS 140 or THEA 130	3	MAS 100 – Introduction to Mexican American Studies	3
HIST 100 – Survey of American History from Its Beginnings to 1877	3	LAC 7 – Your choice	3
PSCI 100 – United States National Government	3	EDF 370 – Social Foundations of Education	3
EDEL 101 – Elementary Teaching as a Profession	1	HIST 224 - History of Colorado	3
EDFE 110 – Initial Admission to PTEP	0		
YEAR 2- FALL (16 credits)		YEAR 2-SPRING (15 credits)	
LAC 3b – ENG 131 or ENG 211	3	EDRD 314 – Literature of children, Adolescents and Young Adults	3
LAC 5b - GEOG 100 or GEOG 110	3	EDEL 320 – Teaching With Writing	3
SCI 265 – Physical Science Concepts	4	MATH 286 – Elements of Discrete Mathematics	3
EDEL 250 – Elementary Teaching in Culturally and Linguistically Diverse Settings	3	PSY 347 – Educational Psychology for Elementary Teachers	3
MATH 283 – Fundamental Mathematics III	3	TESL 380 – Introduction to Linguistics for ESL/CLD Educators	3
YEAR 3- FALL (16 credits)		YEAR 3- SPRING (16 credits)	
SCI 266 – Earth and Life Science	4	EDEL 425 – Elementary School Social Studies Methods	3
MATH 386 – Problem Solving	2	EDEL 455 – Approaches to Content Literacy for Diverse Learners	3
EDEL 350 – Emergent Literacy, Pre-K Through Grade 3	3	ET 340 – Integration of Technology into Content and Pedagogy	2
SES 403 – Physical & Health Education for Elementary Teachers	1	EDEL 457 – Social Studies/Literacy Practicum	3
MATH 341 – Introduction to Modern Geometry I	3	MATH 391 – Introduction to Number Theory	3
EDSE 429 – Adaptations for Learners with Exceptionalities in the Elementary Classroom	3	SCI 465 – Principles of Scientific and Engineering Practices	2
		EDFE 120 – Full Admission to PTEP	0
YEAR 4- FALL (17 credits)		YEAR 4- SPRING (12 credits)	
EDEL 420 – Elementary School Mathematics Methods	3	EDEL 454 – Elementary Student Teaching	12
SCED 475 – Teaching Science in the Elementary School	3		
EDEL 339 – Assessment Data for Elementary Classrooms: Large Sets	1		
EDEL 459 – Mathematics/Science Practicum	3		
EDSE 325 – Behavioral Dimensions of Students with Exceptionalities I	3		
MED 385 – Fundamentals of Mathematics Education	1		
PVA 310 – Arts Integration Elementary School	3		
EDFE 130 – Application for Student Teaching	0		

Admission Requirement – No separate admission requirement.
Minor Required – No Minor required.

Contact Information – School of Teacher Education

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Web Page: <http://www.unco.edu/eled/>

Notes – Please note that this is a sample plan and you should always work with your advisor each semester to determine your specific plan