

**Bachelor of Science
Urban STEM Education Elementary
120 credits - 127 credits**

Foundations of Excellence		42 credits
ACES100	Achieving Career and Education Success	3
HUMN 101	Arts and Culture	3
ENGL 109	Composition	3
ENGL 110	Advanced Composition	3
ENGL 311	Professional Writing	3
MATH 120	College Mathematics	3
MATH 150	Pre-Calculus	3
SOSC 201	Diversity in Society	3
HIST 265	Survey of World History	4
HIST 270	Survey of American History	4
POLS 245	Pol Sci Perspectives US/Global	4
GEOL 220	Earth and Space Science	3
PHYS 100	Applied Physics	2
PHYS 100L	Applied Physics Lab	1
 Undergraduate Urban Education Core		 22 credits
UEDU 191	Tutoring in Urban Schools SL	1
UEDU 192	Teacher Assistance Srv Lrn	2
UEDU 260	Developmental Psych Urban Cnxt	3
UEDU 275	Multicultural Teaching Practices	3
UEDU 285	Teaching Diverse Learners	3
UEDU 325	DataDriven Instruction/Crclum	3
UEDU 340	Using Tech to Enhance Learning	3
UEDU 495	Urban STEM Capstone	4
 Elementary Education Methods		 39 credits
UEDU 151	Service Learning - UEDU151-155	0
UEDU 240	Instructional Plans & Delivery	3
UEDU 288	Literacy Methods K-12	3
UEDU 288L	Literacy Methods K-12 Lab	3
UEDU 345	Soc Science Teaching Mtds K-12	3
UEDU 365	Math Instruction Mtds K-8	3
UEDU 371	Integrated Science Methods K-8	3
UEDU 374	MTTC Prep Course (Year 3)	3

UEDU 415	Inquiry-Based Urban STEM Mtds	3
UEDU 425	Inquiry-Based STEM Curclm Design	3
UEDU 430	Health Promotion and Education	3
UEDU 434	Teaching Physical Education	3
UEDU 438	STEM Literacy in Urban Context	3
UEDU 440	Teaching Visual & Perform Arts	3

Directed Elective **3 credits**

MATH 260 Geometry** 3

*** Only required if **not** completing Ele. Integrated Science Concentration*

Open Electives **14**

Choose open electives or Elementary Integrated Science Concentration

Elementary Integrated Science Concentration | 127 credits **24 credits**

BIOL 100	Survey of Biology	3
BIOL 100L	Survey of Biology Lab	1
BIOL 120	Essentials of Anatomy and Physiology	4
ENVS 125	Introduction to Environmental Science	3
CHEM 150	Foundations of Chemistry	3
CHEM 150L	Foundations of Chemistry Lab	1
GEOL 120	Astronomy	3
GEOL 140	Physical Geology	3
PHYS 270	Intro to Meteorology	3