

Bachelor of Science
Urban STEM Education Elementary
 120 credits - 121 credits

Foundations of Excellence		47 credits
ACES100	Achieving Career and Education Success	3
BIOL100	Introduction to Biology	3
BIOL100L	Introduction to Biology Lab	1
CHEM150	Foundations in Chemistry	3
CHEM150L	Foundations in Chemistry Lab	1
ENGL 109	Composition	3
ENGL 110	Advanced Composition	3
GEOL120	Astronomy	3
GEOL140	Physical Geology	3
HIST 265	Survey of World History	4
HIST 270	Survey of American History	4
HUMN 101	Arts and Culture	3
MATH120	College Mathematics	3
PHYS 100	Applied Physics	2
PHYS 100L	Applied Physics Lab	1
POLS 245	Political Science Perspectives US/Global	4
SOSC 201	Diversity in Society	3
 Undergraduate Urban Education Core		 22 credits
UEDU 191	Tutoring in Urban Schools	1
UEDU 192	Teacher Assistance	2
UEDU 260	Developmental Psych in the Urban Context	3
UEDU 285	Teaching Diverse Learners	3
UEDU 325	Classroom Data & Assessment	3
UEDU 330	Multicultural Teaching Practices	3
UEDU 340	Using Technology to Enhance Learning	3
UEDU 495	Urban STEM Capstone	4

Elementary Education Methods		37 credits
UEDU 151-155	Experiential Learning	0
UEDU 240	Literacy Methods	3
UEDU 240L	Literacy Methods Lab	1
UEDU 267	Integrated Science Teaching Methods K-8	3
UEDU 288	Instruction Plans & Delivery	3
UEDU 345	Social Science Teaching Methods K-12	3
<u>UEDU 365</u>	Mathematical Instruction Methods K-8	3
UEDU 374	MTTC Prep Course	3
UEDU 415	Inquiry Based STEM Curriculum Design	3
UEDU 425	Inquiry Based Urban STEM Methods	3
UEDU 430	Teaching Health Promotion	3
UEDU 434	Teaching Physical Education	3
UEDU 438	STEM Literacy in Urban Classrooms	3
UEDU 440	Teaching Visual and Performing Arts	3

Directed Elective

MATH260	College Geometry**	3
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*** Only required if not completing Elementary. Integrated Science Concentration*

Open Electives 11

Choose open electives or Elementary Integrated Science Concentration

Elementary Integrated Science Concentration | 121 credits

BIOL 111	Organisms and Populations	3
BIOL 111L	Organisms and Populations Lab	1
BIOL 120	Essentials of Anatomy and Physiology	4
ENVS 125	Introduction to Environmental Science	3
MATH 150	Pre-Calculus	4
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