Elementary Education (MS)

Degree Requirements

The College of Education is no longer admitting students in the Master of Science in Elementary Education degree program.

Degrees earned will be distributed as: "Master of Science in Elementary Education" without specialization specifications.

Mathematics Specialization

Code	Title	Hours
Required Courses		**30**
ELM 555	Number Systems and Operations: K-5 Mathematical Tasks	
ELM 556	Rational Numbers and Operations: K-5 Learning Trajectories	
ELM 557	Data Analysis and Measurement: K-5 Classroom Interactions	
ELM 558	Algebraic Reasoning: K-5 Discourse and Questioning	
ELM 559	Geometry and Spatial Visualization: K-5 Assessment	
ELM 560	Mathematical Modeling: K-5 Leadership	
ELM 654	Internship In Elementary Education	
ELM 520	Methods of Teaching Elementary School Science	
ECI 585	Education of Children with Exceptionalities	
ECI 541	Reading In the Content Areas	
Research Courses		**6**
	Select a research elective approved in conjunction with the academic committee	
ECI 695	Master's Thesis Research	
Total Hours		**36**

Science Specialization

Code	Title	Hours
Required Courses		**30**
ELM 520	Methods of Teaching Elementary School Science	
ELM 524	Issues in Elementary School Science Education	
ELM 539	Special Problems in Elementary School Science	
MEA 517	Fundamentals of Climate Change Science	
PY 599	Special Topics in Physics	
BSC 514	Studying Animal Behavior	
ELM 654	Internship In Elementary Education	
ELM 555	Number Systems and Operations: K-5 Mathematical Tasks	
ECI 585	Education of Children with Exceptionalities	
ECI 541	Reading In the Content Areas	
Research Courses		**6**
	Select a research elective approved in conjunction with the academic committee	
ECI 695	Master's Thesis Research	
Total Hours		**36**

Faculty

Full Professors

Sarah J. Carrier

James Minogue

Associate Professors

Jill Freiberg Grifenhagen

Jessica Heather Hunt

Temple A. Walkowiak

Angela Wiseman

Assistant Professor

Michael Andre Jarry-Shore

Practice/Research/Teaching Professors

Valerie Ness Faulkner

Joanna Koch

Jordan Lukins