

# Teaching, Learning, and Curriculum (MEd): Elementary Education in Mathematics and Science Concentration

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## Concentration Requirements

Code	Title	Hours
<b>Teaching Learning and Curriculum Core Courses</b>		<b>6</b>
Students select two core courses from the list below		
ECI 500	Theory and Practice In Teaching Diverse Populations	
ECI 501	Foundations of Curriculum	
ECI 508	Teachers as Leaders	
ECI 523	Teacher as Researcher	
ECI 541	Reading In the Content Areas	
EDP 575	Multicultural Lifespan Development	
<b>Mathematics and Science Core <sup>1</sup></b>		<b>18</b>
Select 18 credit hours from the list below		
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 520	Methods of Teaching Elementary School Science	
ELM 524	Issues in Elementary School Science Education	
ELM 539	Special Problems in Elementary School Science	
<b>Inquiry Project</b>		<b>3</b>
ELM 654	Internship In Elementary Education	
<b>Elective Courses</b>		<b>3</b>
Select 3 hours in consultation with advisor		
<b>Total Hours</b>		<b>30</b>

<sup>1</sup> Students can also choose a Life Sciences, Earth Sciences or Physical Sciences content course.

## Faculty

### Full Professors

Cathy L. Crossland

Jessica Theresa DeCuir-Gunby

Krista Dawn Glazewski

John K. Lee

Patricia L. Marshall

John Nietfeld

Kevin M. Oliver

Edward J. Sabornie

Margareta M. Thomson

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## Associate Professors

Candy M. Beal

Sarah J. Carrier

Dennis Scott Davis

Deniz Eseryel

DeLeon L. Gray

Chu-Jen Huang

Jessica Heather Hunt

Meghan McGlinn Manfra

James Minogue

Temple A. Walkowiak

Angela Michelle Wiseman

Carl A. Young

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## Assistant Professors

Chandra Alston

Christy Michelle Byrd

Michelle Marie Falter

Jill Freiberg Grifenhagen

Michael Andre Jarry-Shore

Shiyan Jiang

Crystal Lee

Paula McAvoy

Amato Nocera

Jamie Nicole Pearson

Jackie Eunjung Relyea

Daniela Castellanos Reyes

Jonee Wilson

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## **Practice/Research/Teaching Professors**

Drinda Elaine Bengé

Vandna Gill Bindra

Sarah Cannon

Valerie Ness Faulkner

Ann D. Harrington

Kristin Hoffmann

Micha Jeffries

Jill Jones

Joanne Greer Koch

Linda McCabe-Smith

Julia O'Neal McKeown

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## **Emeritus Faculty**

John F. Arnold

Barbara J. Fox

Edwin R. Gerler Jr.

Lawrence Keith Jones

Susan Sinclair Osborne

Carol A. Pope

Ruie J. Pritchard

Norman A. Sprinthall

Lois M. Thies-Sprinthall

Ellen S. Vasu

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## **Teaching Assistant Professor**

Jared Stewart-Ginsburg