Secondary Mathematics Education

Students studying to become a high school educator choose an area of concentration and are able to teach grades 9-12. Students complete core course work required by all teacher education majors and required content area course work.

Program Learning Outcomes

- Exhibit a deep understanding of subject matter, embrace the latest technological advancements, and showcase advanced pedagogical skills, all while integrating restorative practices and cultural responsiveness into teaching across various content areas and grade levels.
- 2. Create a nurturing and safe learning space that creates a sense of belonging and ensures every student feels valued and respected.
- Design and deliver dynamic instruction, enriched with relevant technology, to foster an engaging learning environment that caters to the diverse needs of all students, while emphasizing cultural responsiveness in every aspect of teaching.
- 4. Uphold the highest standards of professional ethics.
- Partner, collaborate, and engage with families and/or communities to develop relationships and build networks of support for student success.
- Actively advocate for students, families, and schools to support equity and social justice.
- Apply research-driven strategies to improve teaching methods and student learning outcomes, focusing on practices that promote equity in the classroom.

Requirements

School of Education Core 1

Total Hours		46
TEP 450	ECCE: Student Teaching ³	9
TEP 448	Student Teaching Seminar	3
TEP 475	Cultural Studies and Identity in Education	3
TEP 419	Content Area Literacy Methods	3
TEP 318	Curriculum Theory and Development	3
TEP 315	Classroom Community and Belonging	3
TEP 305	Technology For Teaching	3
TEP 301	Induction into Teacher Education	1
TEP 227	Educational Psychology for Teachers	3
TEP 224	Survey of Exceptional Children in Schools	3
TEP 222	Child and Adolescent Development for Teachers	3
TEP 207	Foundations of American Education ²	3
EDL 493	Cross-Cultural Studies for Multilingual Students and Families	3
EDL 456	Strategies for Teaching Students with Learning Difficulties and (Dis)abilities	3

Content Courses

¹ TEP 301 is a prerequisite for all TEP 400 Level courses.

This course fulfills a general education requirement at UIS in the area of Social and Behavioral Sciences.

This course fulfills an Engaged Citizenship Common Experience requirement at UIS in the area of Engagement Experience.

⁴ This course fulfills a general education requirement at UIS in the area of Mathematics.