Mathematics
EDYC 3394 Math for Young Children
3 Credit Hours

This course provides an introduction to developmentally effective strategies for teaching math to young children. Emphasis is on developmental readiness for math learning (counting; adding to/taking away; geometry/spatial sense; measurement; and classification/patterning). Sound math learning environments, math learning centers, effective manipulative materials, and adult-child interactions. Prerequisites: MATH 1314 and 1324 (C or better), EDYC 2324. Admitted to and in good standing in the College of Education.

1. The candidate analyzes the theoretical and practical aspects of math teaching and learning strategies for young children.

2. The candidate investigates cognitive, social, and cultural factors impacting math learning in young children.

3. The candidate investigates national models of mathematical instruction in early childhood.

4. The candidate designs developmentally effective math teaching strategies.

Justification:
This course is a required course in the new Early Learning program (Non-Certification). The EDYC prefix ("young children") is used for all courses in the major. As a foundational course emphasizing developmentally appropriate math activities, the course provides a theoretical and practical perspective on the development of number concepts in young children.
Program: Delete: ___ Add: ___ Change: ___ Attach new/changed Program of Study description and 4-year plan. If in current online catalog, provide change and attach text with changes in red.


Minor: Add: ___ Delete: ___ Change: ___ Attach new/changed minor. If in current online catalog, provide change and attach text with changes in red.

College Introductory Pages: Add information: ___ Change information: ___ Attach new/changed information. If in current online catalog, provide change and attach text with changes in red.

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Approvals:

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Department Curriculum Committee

Chair
Department

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College Curriculum Committee

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Provost’s Signature
Date

Signature Date

Note: Document reviewed by entire College Curriculum Committee.