



ACADEMIC ALERT #2008-06

DATE: June 2008

DECISION: National College of Education (NCE)

**Mathematics Education M.Ed.; C.A.S. New Program
Eliminate Mathematics Education Concentration within M.Ed. Curriculum and
Instruction**

RATIONALE: In November, 2003 (Academic Alert #2003-24), mathematics education faculty proposed to eliminate the Mathematics Education (M.Ed., M.S.Ed., C.A.S.) degree programs, and strengthen enrollment by becoming a concentration within Curriculum and Instruction (C and I). Since 2003, Mathematics Education has been a concentration option within the M.Ed., M.S.Ed., and C.A.S. in C and I. Faculty indicated that enrollment has been negligible in the concentration, because they learned that students want a degree in mathematics education and not in curriculum and instruction. A major difference between the proposed new degree program and the former, is that the new program has a pre-kindergarten through 3rd grade component and a major focus on conceptual understanding of mathematics.

The Mathematics Education (M.Ed.; C.A.S.), is designed to help PK-8 teachers develop professionally as classroom teachers of mathematics and become teacher-leaders in their schools and districts. Students in this program will be educated to assist other teachers to teach mathematics conceptually, manage classrooms with large differences in abilities, conduct a variety of staff development activities, and participate in school-wide decisions about the mathematics curriculum. The degree program will be housed in the C and I Department.

APPROVALS: Senate Academic Planning Committee: April 17, 2008
Faculty Senate: May 21, 2008
Interim Provost: May 23, 2008
Board of Trustees: June 12, 2008

Program Authorizations: The Mathematics Education M.Ed.; C.A.S. program is authorized to be offered in the following Illinois Regions: Chicago; North Suburban; West Suburban and South Metropolitan.

IMPLEMENTATION DATE: Fall 2008

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SIGNATURE

**Carol R. Melnick, Ph.D.
Vice Provost**

Admission Criteria

Admission requirements are the same as specified in the catalog for students desiring admittance into graduate programs (M.Ed.; C.A.S.) in the National College of Education.

Mathematics Education M.Ed. 32 SH

Course Code	Course Title	SH
Core Courses		
ESR505	Educational Inquiry and Assessment	3
EPS541	Cognition and Instruction	2
FND511	Social and Cultural Politics of Education: Personal and Contextual Perspectives	3
	Total Core Course Hours	8
Program Courses		
MHE501	Topics in Mathematics for Teachers: Number Concepts and Operations in the Elementary and Middle School Mathematics Curriculum	3
MHE502	Topics in Mathematics for Teachers: Algebra	3
MHE510	Topics in Mathematics for Teachers: Geometry	3
MHE523	Perspectives on Exceptionality in Mathematics Learning (New Course)	3
MHE593	Seminar in Mathematics Education	3
MHE550A	Early Intervention in Mathematics: Theory and Assessment (Formerly Math Recovery 1A: Theory and Assessment)	3
	Total Program Course Hours	18
Elementary Math Specialist Focus		
MHE550B	Seminar in Math Intervention: Assessment and Teaching (Formerly Math Recovery 1B: Theory and Teaching)	3
CIT501	Teaching for Conceptual Integration in Reading/Language Arts and Mathematics	3
	Total Elementary Math Specialist Focus Hours	6
OR Middle School Math Focus		
MHE485	Advanced Methods for Teaching Middle School Mathematics	3
MHE512	Topics in Mathematics for Teachers: Statistics and Probability	3
	OR Total Middle School Math Focus Hours	6
	Total Minimum Hours for M.Ed. Degree	32

Mathematics Education C.A.S. 30 SH

Course Code	Course Title	SH
Core Courses		
EDL546	Perspectives on and Administration of Educational Policies	3
ESR505	Educational Inquiry and Assessment	3
	Total Core Course Hours	6
Program Courses		
MHE501	Topics in Mathematics for Teachers: Number Concepts and Operations in the Elementary and Middle School Mathematics Curriculum	3
MHE502	Topics in Mathematics for Teachers: Algebra	3
MHE510	Topics in Mathematics for Teachers: Geometry	3
MHE523	Perspectives on Exceptionality in Mathematics Learning (New Course)	3
MHE593	Seminar in Mathematics Education	3
MHE550A	Early Intervention in Mathematics: Theory and Assessment (Formerly Math Recovery 1A: Theory and Assessment)	3
	Total Program Course Hours	18
Elementary Math Specialist Focus		
MHE550B	Seminar in Math Intervention: Assessment and Teaching (Formerly Math Recovery 1B: Theory and Teaching)	3
CIT501	Teaching for Conceptual Integration in Reading/Language Arts and Mathematics	3
	Total Elementary Math Specialist Focus Hours	6
OR Middle School Math Focus		
MHE485	Advanced Methods for Teaching Middle School Mathematics	3
MHE512	Topics in Mathematics for Teachers: Statistics and Probability	3
	Total Middle School Math Focus Hours	6
	Total Minimum Hours for C.A.S. Degree	30

Implementation

- Any students in the mathematics education concentration in C & I must be taught out or advised regarding possible transfer into the new degree program.
- The new degree program needs to be entered in Banner and CAPP.
- Marketing materials need to be developed and the new program added to NLU's website.
- The new catalog copy will be written and submitted to the Vice Provost and Assistant Registrar for Schedules and Catalogs to ensure that catalog copy is prepared and ready for the next catalog, 2009-2010.