



UNIVERSITY OF
GEORGIA

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University Council

October 11, 2019

UNIVERSITY CURRICULUM COMMITTEE – 2019-2020

John Maerz, Chair

Agricultural and Environmental Sciences – Nicholas Fuhrman

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Social Work – Harold Briggs

Veterinary Medicine – Susan Sanchez

Graduate School – Amy Medlock

Ex-Officio – Provost S. Jack Hu

Undergraduate Student Representative – Melissa Hevener

Graduate Student Representative – Jordan Henley

Dear Colleagues:

The attached proposal from the College of Education for a new Area of Emphasis in Grades 6-12 under the major in Mathematics Education (M.Ed., Ed.S.) will be an agenda item for the October 18, 2019, Full University Curriculum Committee meeting.

Sincerely,

John Maerz, Chair

University Curriculum Committee

cc: Provost S. Jack Hu
Dr. Rahul Shrivastav

PROPOSAL FOR AREA OF EMPHASIS

1. **School/College:** College of Education
2. **Department/Division:** Department of Mathematics and Science Education
3. **Major:** Mathematics Education (M.Ed.) – Athens campus ONLY
4. **Area of Emphasis Title:** Grades 6-12
5. **Proposed starting date:** Spring 2020
6. **Major Requirements:**
Attach a list of requirements for the major. Graduate programs may provide a list of general requirements for the major.

Area of emphasis is open only to individuals who have a current Georgia T-4 or other state certification in mathematics education.

7. **Area of Emphasis Description:**
(P) Pedagogy and Curriculum; (TM) Teaching of Mathematics; (RL) Research and Leadership

Core Courses (15 hours/5 courses)

- EMAT 6730, History of Mathematics Teaching and Learning in the United States [3 hours] *(P)*
- EMAT 7050, Teaching Secondary School Mathematics [3 hours] *(P)*
- EMAT 7080, Curriculum in Mathematics Education [3 hours] *(P)*
- EMAT 7200, Mentoring in Mathematics Education [3 hours] *(RL)*
- EMAT 7700 or EMAT 7700E, Internship in Mathematics Education [1-15 hours; students must complete a minimum of 3 hours] *(RL)*

Teaching Field Courses (at least 15 hours/5 courses)

- Five additional courses of EMAT, MATH, or STAT courses approved by advisor [minimum of 15 hours] *(TM)*

Research and Leadership (Choose at least 6 hours, based on advisor recommendation)

- EMAT 6710, Research on the Teaching and Learning of Mathematics [3 hours] *(RL)*
- EMAT 6720, National Trends in STEM Education [3 hours] *(RL)*
- ERSH 6600 or ERSH 6600E, Applied Educational Assessment [3 hours] *(RL)*
- Other courses as approved by advisor

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1. **School/College:** College of Education
2. **Department/Division:** Department of Mathematics and Science Education
3. **Major:** Mathematics Education (Ed.S.) – Athens campus ONLY
4. **Area of Emphasis Title:** Grades 6-12
5. **Proposed starting date:** Spring 2020
6. **Major Requirements:**
Attach a list of requirements for the major. Graduate programs may provide a list of general requirements for the major.

Area of emphasis is open only to individuals who have a current Georgia T-5 or other state certification in mathematics education.

7. Area of Emphasis Description:

Teaching of Mathematics (at least 15 hours/5 courses)

- Choose 6000-level or higher courses with EMAT, MATH, or STAT prefixes which are approved by advisor and focused on grades 6-12.

Curriculum and Instruction (at least 12 hours/4 courses)

- Choose 6000-level or higher courses with EMAT prefix which are approved by advisor. Other 6000-level or higher course options as approved by the faculty advisor.

Research (at least 6 hours/1 course)

- Choose 6000-level or higher research courses from QUAL, ERSH, or STAT prefixes
- EMAT 7650, Applied Project in Mathematics Education [3 hours]

Approvals on File

Proposal: Area of Emphasis in Grades 6-12 under the major in Mathematics Education (M.Ed., Ed.S.)

College: College of Education

Department: Mathematics and Science Education

Proposed Effective Term: Spring 2020

Department:

- Mathematics and Science Education Department Head, Dr. Roger Hill, 8/30/17

School/College:

- College of Education Associate Dean, Dr. Stacey Neuharth-Pritchett, 9/25/17

Graduate School:

- Graduate School Interim Dean, Dr. Ron Walcott, 9/23/19