

Proposal Template

Prior to presenting at the Graduate Studies Committee (GSC) for review, please provide answers to the following questions, as relevant. Please contact Matthew Boots (mboots1@iu.edu) with any questions.

Title: Proposed Program Change: Make specific the courses in the major area for the PhD. in mathematics education

GSC presenter: Erik Tillema

This proposal is for a...

- program change
 new program
 policy change
 new policy

Include responses to each question, as relevant:

1. What are you proposing and why? (If proposing a change, then the description and rationale should be relevant to the change(s) only.)

We are naming courses under the major requirements of the PhD. degree. The current degree has students take a rotating topics seminar course where every topic has the same course number, N716, and title, Topical Seminar in Mathematics Education. Best practice for graduate education is to have courses that have specific names that will appear on the transcript. We have named each of the rotating topics and will get course numbers approved for them. They include the following:

- N720 Research on Assessment in Mathematics Education
- N721 Research on Curriculum in Mathematics Education
- N722 Research on Learning in Mathematics Education
- N723 Research on Equity in Mathematics Education
- N724 Research on Technology in Mathematics Education
- N725 Research on Teacher Education in Mathematics Education

It may be important to note that none of the syllabi or topics for the courses have changed. We have offered a 6-course rotation for a substantial period of time (more than 10 years) because each topic is recognized as a major area of research within mathematics education.

2. How will this impact enrollment?

These changes may improve enrollment and retention because they make much more specific the requirements of the degree.

3. How will this impact students' time to degree?

It will not impact time to degree.

4. How will this impact specific student populations and/or DEI issues?

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Clearly identifying courses in a degree is an important factor in retaining students, generally, and specifically, students who may be less familiar with the academy (e.g., those who have historically not had opportunities in the academy).

5. How will this impact School of Education resources, including faculty loads?

The proposed change will not affect faculty load.

6. How will this be effectively sustained over time?

See response to 5.

7. What was the departmental vote tally for this proposal? (e.g., “12 in favor, 2 opposed, 3 abstained”)

31 in favor, 0 opposed, 0 abstained