

**New Undergraduate Program (Majors, Minors, Sequences) Proposal
Illinois State University - University Curriculum Committee**

Program Department Mathematics

Submission Date Thursday, November 05, 2015

Initiator Tami Martin

Email tsmartin@ilstu.edu

Phone 438-7864

Campus Address 4520 Mathematics

Initiator Department Mathematics

Coauthor(s) David Barker (dbarker@ilstu.edu), Craig Cullen (cjculle@ilstu.edu), Matthew Winsor (mwinsor@ilstu.edu)

Version 2

Title of New Program Mathematics: Pedagogy Emphasis

Proposed Starting Catalog Year: 2016-2017

1. Proposed Action

New Major

New Minor

✓ New Sequence

More than 50% of courses in this program are Distance Education

No Is this program an Integrated Bachelors/Masters degree program?

Sequence Major: Mathematics

2. Provide Undergraduate Catalog copy for new program.

All requirements for completion of the mathematics teacher education sequence except successful completion of the edTPA requirement. The pedagogy emphasis option does not lead to licensure in the State of Illinois.

Mathematics: Pedagogy Emphasis Sequence:

This sequence of the major is not part of the entitlement program leading to high school mathematics teacher endorsement. However, all requirements are the same as the Mathematics Teacher Education Sequence, with the exception of the State of Illinois requirement for successful completion of the edTPA.

- A minimum of 50 hours in Mathematics is required with a minimum overall GPA of 2.80 and a minimum Mathematics GPA of 2.80 required for retention and graduation.
- Required Mathematics courses: MAT 145, 146, 147, 175, 211, 223, 236, 260, 320, 323, 324, 352; one mathematics elective (3 hours chosen from 200- or 300-level mathematics courses that are offered for major/minor credit, but are not designed for the actuarial sequence); and a Capstone Course: One of MAT 268 or 328. NOTE: MAT 211; TCH 216 or equivalent, and MAT 236 (or concurrent registration) are prerequisites for MAT 323. MAT 323 must be completed before the student teaching experience. MAT 147 and 45 credit hours completed are prerequisites for MAT 223. MAT 326 can count as a mathematics elective if not used for the technology requirement.
- Technology Requirement: One of MAT 326 or IT 168 or TEC 151. NOTE: Hours taken to fulfill the technology requirement do not count toward the required 50 hours in Mathematics.
- Professional Education requirements: TCH 212, 216, 219; EAF 228 or 231 or 235; PSY 215; SED 101; Student Teaching 399.27 (two sections of 5 hours each). NOTE: Students must pass all sections of the State of Illinois Enhanced Test of Academic Proficiency (TAP) before they can register for TCH 216 and 219.
- Interested students should consult their advisor about opportunities for tutoring secondary school students, serving as a teaching assistant, or other relevant voluntary Clinical Experiences.

- Submission of senior portfolio.
- A grade of C or better in all required major courses, and adherence to all requirements and deadlines is required for admission to Professional Studies and Student Teaching. Application forms and information about deadlines and procedures for admission to Professional Studies and Student Teaching are available from the Cecilia J. Lauby Teacher Education Center and on the Mathematics Department website.

Admission to the Mathematics: Pedagogy Emphasis Sequence is limited.

Suggested Mathematics Schedules for Mathematics: Pedagogy Emphasis Sequence Majors:

Schedule (a) Students beginning with Calculus I

Schedule (b) Students beginning with Calculus II

Schedule (c) Accelerated schedule for honors students (Students beginning with Calculus III).

Semester	(a)	(b)	(c)
1	145	146	147, 175
2	146	147, 175	260, 320
3	147, 175	260, 320	211
4	223, 260, 320	211	223, 352
5	211, 352	223, 352	236 or elective
6	236, elective	236, elective	236 or elective
7	323, 326, 328	323, 326, 328	323, 326, 328
8	324	324	324

3. Provide a description for the proposed program.

Non-licensure option for those who do not successfully complete the edTPA requirement for licensure.

4. Provide a rationale of proposed program.

This option provides timely graduation for those students choosing not to pursue a retake of the edTPA.

5. Describe the expected effects of the proposed program on existing campus programs (if applicable).

none

6. Provide a sample four year plan of study demonstrating that a student could realistically complete the program requirements in a specific number of semesters.

Same as Mathematics TE program

7. Describe the expected curricular changes required, including new courses. If proposals for new courses have also been submitted, please reference those related proposals here:

None

8. Anticipated funding needs and source of funds.

none

9.

No Does this program count for teacher education?

10. No Is this an Interdisciplinary Studies program?

11. The following questions must be answered.

- Yes Have you confirmed that Milner Library has sufficient resources for the proposed program?
No Are more than 124 hours required to complete a degree with this major?
Yes Beyond General Education, does the major require more than 66 semester hours?
[Rationale for mandating over 66 hours in the major.](#) [Required Hours Policy](#)
Yes, it is the same as the mathematics teacher education sequence which requires 50 hours in mathematics, 24 hours of professional education, 3 hours of technology, and 3 hours of special education.
N.A. Does this sequence (if in a major) require more than 55 semester hours of major courses?
No Does this program stipulate specific general education courses offered in the major department/school as a part of the major requirements only if such courses serve as prerequisites for other courses required by the major?
No Is the proposed program intended to be longer than four years (as indicated by the plan of study)?
N.A. Have letter(s) of concurrence from affected departments/schools been obtained?
A departments/school is affected if it has a program with significant overlap or if it teaches a required or elective course in the program.

12. Routing and action summary for New Program: [Proposal Routing](#)

1. Mathematics Department Curriculum Committee Chair

<i>Heather Jordon (website)</i>	Heather Jordon	10/6/2015 9:56:35 AM
Signature	Print	Date

2. Mathematics Department Chair/School Director

<i>George Seelinger (website)</i>	George Seelinger	10/20/2015 3:26:54 PM
Signature	Print	Date

3. College of Arts & Science College Curriculum Committee Chair

<i>Todd Stewart (website)</i>	Todd Stewart	11/12/2015 1:49:40 PM
Signature	Print	Date

4. College of Arts & Science College Dean

<i>Sally Parry (website)</i>	Sally Parry	11/12/2015 4:33:41 PM
Signature	Print	Date

5. University Curriculum Committee Chair

<i>Jonathan Rosenthal (website)</i>	Jonathan Rosenthal	1/29/2016 3:03:47 PM
Signature	Print	Date

All new programs (majors, minors, sequences) are routed by the U.C.C. to the Academic Senate