



BACHELOR OF SCIENCE in MATHEMATICS TEACHER EDUCATION CONCENTRATION

Catalog year Fall 2009 and later

Students may choose to enter a teacher certification program at the University of Illinois at Urbana-Champaign in one of two ways. (1) Follow the Teacher Education Option in Mathematics and apply for admission to the Teacher Education Program for the Junior year; if admitted, these students will complete a Minor in Teacher Education; or (2) complete a standard mathematics major and apply for a Master's Program in Education leading to certification.

ADMISSION is by application. Typically, students will apply in their fourth academic semester for admission for the following term and will have 60 credit hours when joining the program. Applications are accepted once a year at the beginning of the Spring semester and are normally due February 1. Students are admitted for the following Fall semester. Grade point averages of 2.5 out of 4 in all U of I courses and all U of I Mathematics courses are required for admission. Students **SHOULD HAVE COMPLETED** the Calculus and three advanced Mathematics courses including Math 347/348 in the year of application, with at least one (preferably 347/348) before applying. In addition students should complete EPS 201 or 202 (ACP) and EPSY 201 in the year of application. In order to complete the program in a timely fashion a student should have made reasonable progress in satisfying the General Education requirements. Admission letters will be mailed before the first day to register for Fall classes. There are a limited number of places so some students who satisfy the minimal requirements may not be admitted.

GRADE POINT REQUIREMENTS

Students must have GPAs of 2.5 out of 4 for admission and continuation in the program for all courses, for courses at Illinois, for mathematics courses at Illinois, as well as for all mathematics courses taken.

MATHEMATICS REQUIREMENTS

- Calculus through Math 241 _____ (The Calculus)
- CS 101 or 125 _____ (Computer Programming)
- Math 347 or 348 _____ (Fundamental Mathematics)
- Math 402 or 403 _____ (Geometry)
- Math 416 _____ (Linear Algebra)
- Math 461 or 463 _____ (Probability or Statistics)
- Math 417 _____ (Abstract Algebra)
- Math 444 or 447 _____ (Real Analysis)
- Math 453 _____ (Number Theory)
- Two additional 400-level Mathematics courses (Math 499 not included.)

Mathematics courses beyond the calculus are not of uniform difficulty. Students should seek advice about sequencing courses. Math 405 may be taken after Math 402/403. Take several upper level math courses before attempting 417 or 444 (447), and take those two courses in different semesters. Math 405 and 406 are excellent choices for future teachers.

PREPROFESSIONAL COURSE REQUIREMENTS

- EPSY 201 (3 hrs) Prerequisite Psysc 100
- EPS 201 (3 hrs) or EPS 202 (ACP) (4 hrs)

ALL students interested in applying for the Secondary Education Minor should be in contact with Adva Steiner Waranyuwat, Director of Secondary Education Programs
las-teach@illinois.edu (217) 333-2800 (Call, don't e-mail, for appointments.)

as there are additional tutoring and standardized test requirements for the minor application not detailed here.

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GENERAL EDUCATION REQUIREMENTS

Lists of courses satisfying the requirements are available on the Web: <http://courses.illinois.edu>

Students in the Teacher Education Option must satisfy the general education requirements of LAS and take a speech performance course.

Language other than English _____

Composition I and Advanced Composition _____

CMN 101 or a speech performance elective _____

Humanities and the Arts

(includes Literature & Arts, Historical & Philosophical Perspectives) _____ (6 hours)

Social and Behavioral Sciences (including Psyc 100)

(includes Social Science, Behavioral Science) _____ (6 hours)

Natural Sciences and Technology

(includes Physical Sciences, Life Sciences) _____ (6 hours)

Western/Comparative Cultures _____ (1 course)

Nonwestern/US Minority Cultures _____ (1 course)

PROFESSIONAL EDUCATION REQUIREMENTS

CI courses may be taken only after admission to the Teacher Education Minor.

Courses outside of Education may be taken in the first 3 of these semesters.

These offerings are subject to change.

First Semester (after admission)

CI 401 (3 hrs), CI 335 (1 hr), and EOL 440 (1hr) _____

Second Semester

CI 402 (3 hrs) _____

CI 473 (1 hr) _____

EPSY 430 (2 hrs) _____

Third Semester

CI 403 (3 hrs), SPED 205 1 hr, SPED 405 (2 hrs) _____

EPSY 485 (2 hrs) _____

Fourth Semester

CI 404 (4 hrs) _____

EDPR 442 (8 hrs) _____