

FOCUS ON MATHEMATICS

Announces a Certificate of Advanced Graduate Study



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Focus on Mathematics is proud to announce a new CAGS degree in Mathematics for Teaching. Built upon the Master of Mathematics for Teaching (MMT) degree, the CAGS is designed for teachers who already hold a Masters degree. Both programs are jointly offered by the College of Arts and Sciences (CAS) and the School of Education (SED) at Boston University.



Focus of Programs

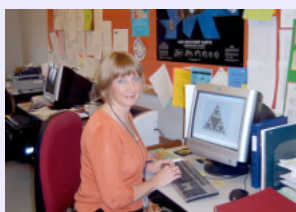
The Mathematics for Teaching programs are designed for teachers who seek to become leaders in mathematics education. They are based on an immersion experience in mathematics, related coursework, and preparation for assuming leadership roles in professional development.



Key Features

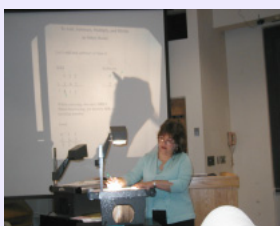
The CAGS option is available for teachers who already hold a license and a master's degree and wish to deepen their knowledge of mathematics for teaching. The program is tailored to meet students' needs and will vary depending upon each individual's background.

- The core of the program is the six-week summer intensive study of mathematics and professional development in PROMYS for Teachers (<http://www.promys.org/pft>).
- During the following two academic years and summer, graduate courses in mathematics and education complete the course requirements. Special care is taken to make connections between mathematical content and pedagogy, show the relationship of mathematics to the school curriculum, and “unpack” the immersion experience.
- A comprehensive exam covering issues in Mathematics Education and Mathematics for Teaching is a degree requirement. The reading list and the exam questions will vary depending on the student's particular interests and background.



Graduates of this program will:

- Develop mathematics curricula for students in need of greater challenge and those in need of greater assistance.
- Lead in-service professional development programs for teachers.
- Recognize connections and be able to integrate mathematical ideas across the curriculum.
- Personally experience the student learning process.
- Be lifetime learners who enjoy mathematics with students and colleagues.



How to Apply

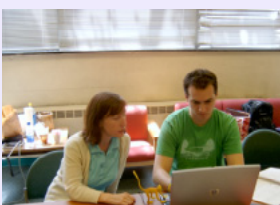
There are no official deadlines for applying to the MMT or CAGS. Admission is on a rolling basis. Applications are available online at:

<http://math.bu.edu/study/mmt.html>

Contact Information

To request an application or more information, please contact:

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Focus on Mathematics is a unique partnership of mathematicians and educators from Boston University, Education Development Center, Inc., Worcester Polytechnic Institute, UMass Lowell, Lesley University, and five Greater Boston school districts: Arlington, Chelsea, Lawrence, Waltham, and Watertown.

