



Harvard University Extension School

Professional Degree and Certificate Programs Office

51 Brattle Street • Cambridge, Massachusetts 02138-3722 • (617) 495-9414 • Fax: (617) 998-8494 • www.extension.harvard.edu

MATH E-21a/E-21b Petition

Candidates for the Master of Liberal Arts in Mathematics for Teaching (ALM in MT) must complete MATH E-16 *Introduction to the Calculus B and Differential Equations*. In certain rare circumstances, students may be granted permission to substitute MATH E-21a *Multivariable Calculus* or E-21b *Linear Algebra* in place of MATH E-16. In order to be considered for such an exception, students must possess GPAs above 3.75 and must have successfully completed at least a year's worth of post-calculus mathematics in addition to having earned As in the equivalent of a full year of calculus. Even in such cases it still might be deemed necessary for a student to complete the MATH E-16 requirement as this class covers topics that might not have been covered in another calculus course.

If the above criteria are met and you wish to use MATH E-21a or 21b as a substitution for the MATH E-16 requirement, fill out this form and return it to the Professional Degree and Certificate Programs Office, Harvard University Extension School, 51 Brattle Street, Attn: Stephen Blinn, Cambridge, MA 02138. Students should not register for the course before approval has been received in writing.

Although MATH E-16 is waived, it does have an important pedagogical component that you will be required to fulfill. The mandatory graduate section meets Wednesdays from 6:30–7:30 pm. The instructor will be notified that you will be attending.

Student Information

Name _____
First *Last*

Address _____
Street

City *State* *Zip*

E-mail address _____ Daytime phone number _____

Student ID number

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 GPA _____
(see www.extension.harvard.edu/login if unsure)

Calculus coursework completed (course title, year, institution, grade earned)

I hereby request to substitute MATH E-21a / MATH E-21b (circle one) for the ALM in MT requirement MATH E-16. I understand that I must attend the MATH E-16 graduate pedagogical sections on Wednesday evenings for the duration of the semester.

Student's signature _____ Date _____

Professional Degree and Certificate Programs Office use only

The substitution is granted, contingent upon the student's presence in MATH E-16's graduate pedagogical sections.

ALM in MT Program Director signature _____ Date _____