Use this form to propose a new course or program; a change to the title, number, course value, or description of a course; or another program change. The department chair and graduate program director must approve this proposal, indicating that the department or program has reviewed and supports the change.

Along with this form, please include (separately) a brief summary of the requested course or program change, and the rationale for the change. Where noted, please attach a new or current course syllabus or proposal.

Department: **Mathematics**

Faculty Contact: **Kim Ruane**

Date: **2/12/18**

Please select the requested action from the drop-down menu and complete the relevant section below.

E) Other - please specify

**A) Add a New Course**

Title: ________________________________

24 character abbreviated title: ________________________________

Requested number: ________________

SHU Value: ○ Fixed ○ Variable

SHUs: ________________________________

Grading basis: ○ Graded ○ Satisfactory/Unsatisfactory

Duration: ○ Semester ○ Year

Date first offered (for new course): ________________________________

Can course be taken multiple times for credit? ○ Yes ○ No

Is consent needed to register? ○ Yes ○ No

Are labs or recitations required? ○ Yes ○ No

*Please attach the course syllabus.*
B) Change Course Title and/or Number and/or Credit Value

Current title: 

Current number: 

Current SHU value: 

New title (if applicable): 

24 character abbreviated title (if applicable): 

New number (if applicable): 

New SHU value (if applicable): 

*Please attach the course syllabus.*

C) Change Course Description

Course title(s): 

*Please attach the current description, the requested new description, and the most recent syllabus. For multiple course changes, please list all course titles along with all descriptions.*

D) Offer a New Degree

*Please attach proposal for new degree.*

E) Other – please specify: Post-baccalaureate program in Mathematics

*Please describe the requested change in an attached document.*

This request has been approved by the faculty of:

Mathematics

Name of Department or Program

Signature of Department Chair

Math Department

on 2/20/18

Date

Kim Ruane

Signature of Program Director

Digitally signed by Kim Ruane
Date: 2018.02.16 10:15:04 -05'00'

Please send this form and all supporting documents to: Office of the Dean
Graduate School of Arts and Sciences Ballou Hall, 1st Floor
or email gsas@tufts.edu
POST-BACCALAUREATE PROGRAM IN MATHEMATICS

The connector from where you've been to where you want to go. If you hold a bachelor's degree in a discipline other than mathematics, but wish to pursue employment or graduate work in the field of mathematics, or one that requires a strong background in math, then this is the program for you.

Who should apply?

The post-bac program in mathematics is open to individuals with at least a bachelor's degree in any discipline (BA or BS) and has two available tracks. The first is for students with an undergraduate degree that was not in mathematics. The second track would be for those students who have some undertaken some mathematics courses during their undergraduate degree, such as through a minor in mathematics, and now need to bolster their math skills in preparation for a graduate degree.

The program is particularly well-suited for individuals preparing to re-enter the workforce, mid-level professionals looking to move into the field of mathematics, and those preparing for graduate school. Accepted students are required to develop an individualized plan of study with their adviser, based on their academic history and professional goals.

Students in the post-baccalaureate mathematics program are not considered certificate students for purposes of financial aid and as such are not eligible to apply for federal funds. Alternative loans may be available. For more information, please visit the Student Financial Services website at http://finaid.tufts.edu

Program of Study

The post-baccalaureate program in mathematics requires four Tufts courses. The program can be completed in as few as two semesters, or can be pursued on a more long-term basis, taking only one course at a time. Completion of the program requires grades of B- or better in all courses.

Track One:

Required – two of the following:

- MATH 61 Discrete Mathematics (various terms)
- MATH 70 Linear Algebra (various terms)
- MATH 87 Mathematical Modeling and Computation (Fall)

and

- Any two courses numbered about 120 in the Tufts Department of Mathematics course offerings

Track Two:

- MATH 87 Mathematical Modeling and Computation plus three math courses numbered above 120 or
- Four math courses numbered above 120 (if not interested in applied mathematics)

**Courses numbered above 100 award graduate credit, and are transferable into the Tufts University Mathematics master's program upon acceptance to that program and approval by department.

For specific questions, contact the faculty advisor Kim Ruane at kim.ruane@tufts.edu.