

# RIT PROGRAM IN FOCUS

This program has strong discipline-specific coursework that is a good match for RIT students.

Study Abroad for Math Majors

## Budapest Semester in Mathematics

Budapest, Hungary



Budapest Semester in Mathematics is an RIT affiliate study abroad partner.



The Hungarian approach to mathematics learning and teaching emphasizes problem solving and mathematical creativity.



Photo courtesy of BSM blog

### Why study math in Budapest with Budapest Semester in Mathematics (BSM):

- Hungary has a long tradition of **excellence in mathematics education**.
- Study with a **cohort** of mathematically motivated students from the U.S. and Canada.
- Small classes taught in **English** by BSM instructors from Eötvös University, the Mathematical Institute of the Hungarian Academy of Sciences, and Budapest University of Technology and Economics - the three institutions known for having **educated more than half of Hungary's highly acclaimed mathematicians**.
- Live and study in Budapest, known for its **cultural and education opportunities, affordable living costs**, and growing population of international students.

*Applying for the Budapest Semester in Mathematics program is competitive. You will need to submit a copy of your transcript and two reference letters from math faculty. The average GPA of a BSM applicant is above 3.0.*

More about Budapest Semester in Mathematics:  
[budapestsemesters.com](http://budapestsemesters.com)

**RIT** | Global Education Abroad

# COURSES

These Budapest Semester in Mathematics (BSM) courses are typically offered for fall or spring semester and have been pre-approved for RIT equivalents. Courses marked with an (\*) may also be available during the BSM summer program.

| BSM COURSES                                       | APPROVED AS RIT COURSE                     |
|---------------------------------------------------|--------------------------------------------|
| • Mathematical Problem Solving*                   | MATH 295: Topics in Math Problem Solving   |
| • Graph Theory*                                   | MATH 351: Graph Theory                     |
| • Introduction to Combinatorics*                  | MATH 361: Combinatorics                    |
| • Complex Functions                               | MATH 381: Complex Variables                |
| • Introduction to Abstract Algebra*               | MATH 441: Abstract Algebra I               |
| • Advanced Abstract Algebra                       | MATH 442: Abstract Algebra II              |
| • Introduction to Topology                        | MATH 461: Topology                         |
| • Non-Euclidean Geometries                        |                                            |
| • Conjecture and Proof*                           |                                            |
| • Real Functions and Measures*                    | FREE or PRGE 100: Free or Program Elective |
| • Theory of Computing                             |                                            |
| • Functional Analysis                             |                                            |
| • Commutative Algebra                             |                                            |
| • Topics in Number Theory: Additive Combinatorics |                                            |

BSM has more course offerings that you may also choose from. Any course you plan to take will go through the RIT study abroad course pre-approval process to ensure it will count towards an equivalent RIT course.

## Program Cost

**RIT financial aid and scholarships may be used towards your study abroad program costs.**

**For current Budapest Semester in Mathematics program costs, visit: [budapestsemesters.com/program-costs](http://budapestsemesters.com/program-costs).**

Cost listed on the BSM website is an estimate for research/informational purposes only. The RIT Education Abroad office will provide you with a detailed budget worksheet outlining ALL of your expected costs. Take the budget worksheet to your financial aid advisor to determine how your RIT financial aid and scholarships may apply.

## Scholarships

- Gilman Scholarship – available for students who receive Pell Grant funding – [gilmanscholarship.org](http://gilmanscholarship.org)
- Fund for Education Abroad – [fundforeducationabroad.org](http://fundforeducationabroad.org)
- Talk to your study abroad advisor about other scholarship options.



### To Apply:

1. Go to [rit.edu/StudyAbroad](http://rit.edu/StudyAbroad) and login to the **Compass** (application database) and search for “Budapest Math”.

2. Meet with study abroad advisor Roseanne Hernandez [rit.edu/StudyAbroad/AdvisorMeeting](http://rit.edu/StudyAbroad/AdvisorMeeting)

Plan 6 months to a year in advance to ensure proper academic and financial planning.



### General RIT study abroad deadlines:

Applying for **Fall** semester programs: April 1st

Applying for **Spring** semester programs: October 1st

Applying for **Summer** programs: March 1st

Note that the Budapest Semester in Mathematics application deadline may be different and programs fill up quickly Visit [budapestsemesters.com](http://budapestsemesters.com) for deadline information.