

ACADEMICS:

READ!!!

BUDAPEST SEMESTERS IN MATHEMATICS

PRACTICALITIES

- [Contact & Directions](#)
- [Visa/residency permit info](#)
- [Arrival and first days](#)
- [Practical orientation slides](#)
- [Summary](#) and [Details](#) of the local Health Insurance
- [Useful stores around BSM, things to do in BP](#) (student suggestions)

24/7 BSM emergency phone number:
+36206285562

SPRING 2018

[Academic Calendar](#)

[Syllabi of the courses](#)
to be posted by January 22

[Schedule of classes](#)
to be posted by February 2nd
MUC times

[PRE-REGISTRATION](#)
to be posted by January 22nd

ACADEMIC LINKS

- [Academic Rules](#)
- [Academic orientation slides](#)
- [BSM professors, 1985 -](#)
- [BSM undergraduate research: articles](#)
- [BSM American homepage](#)
- [BSME homepage](#)
- [The Rényi Institute: its library and directions to RI](#)
- [Archive of Past Semesters](#)

BSM UPCOMING EVENTS (click the event for details)

Today   Tuesday, January 16 ▾

 [Print](#) [Week](#) [Month](#) [Agenda](#)

Wednesday, January 17

- First three weeks are for making final decisions! Registration deadline & feedback session: **FEBRUARY 28th, Thu, Noon**

BUDAPEST SEMESTERS IN MATHEMATICS

PRACTICALITIES

- [Contact & Directions](#)
- [Visa/residency permit info](#)
- [Arrival and first days](#)
- [Practical orientation slides](#)
- [Summary](#) and [Details](#) of the local Health Insurance
- [Useful stores around BSM, things to do in BP](#) (student suggestions)

24/7 BSM emergency phone number:
+36206285562

SPRING 2018

Academic Calendar	Syllabi of the courses <i>to be posted by January 22</i>
Schedule of classes <i>to be posted by February 2nd</i> MUC times	PRE-REGISTRATION <i>to be posted by January 22nd</i>

ACADEMIC LINKS

- [Academic Rules](#)
- [Academic orientation slides](#)
- [BSM professors, 1985 -](#)
- [BSM undergraduate research: articles](#)
- [BSM American homepage](#)
- [BSME homepage](#)
- [The Rényi Institute: its library and directions to RI](#)
- [Archive of Past Semesters](#)

BSM UPCOMING EVENTS (click the event for details)

Today Tuesday, January 16 ▾

Print [Week](#) [Month](#) [Agenda](#)

Wednesday, January 17

[Optional language course begins](#)

During/after the first three weeks

- **“Reading courses” can become “regular”**
- **“Regular” can become “reading”**
- **Courses may be canceled**

based on enrollment data.

Remarks on courses

THE ALGEBRA GROUP

- **AL1 Introduction to Abstract Algebra**
- **AAL Advanced Algebra**
- **CMA Commutative Algebra**
- **GAL Galois theory**

The analysis group:

- **MAN** Intro to Math Analysis
- **CLX** Complex Analysis
- **RFM** Real Functions and Measures
- **FUN** Functional Analysis

+ Highlights of Real Analysis @ELTE

The Combinatorics group:

- **CO1 Intro to Combinatorics -- 1A & 1B**
- **CO2 Combinatorics of Finite Sets**
- **BIO Combinatorial and computational aspects of bioinformatics**
- **COP Combinatorial Optimization**
- **+ Probabilistic methods in discrete mathematics @ELTE**

The Graph Theory group:

- **GRT.A Graph Theory, track A**
- **GRT.B Graph Theory, track B**

+ Graph limits from a functional analytic viewpoint (@ELTE)

The number theory group:

- **NU1** Introduction to Number Theory
- **NUT** Topics in Number Theory —
Additive Combinatorics

The problem solving group:

- **DLP** Discovery Learning:

 - The Pósa Method**

- **MPS** Mathematical Problem Solving

- **C&P** Conjecture and Proof

The geometry & topology group:

- **DCG Discrete and Convex Geometry**
- **DIG Differential Geometry**
- **NEG Non-Euclidean Geometries**
- **TOP Introduction to Topology**
- **ALT Algebraic Topology**
- **LDT Low Dimensional Topology**

+ **Algebraic Geometry @ELTE**

Probability & statistics group:

- **PRO Probability Theory**
- **STA Statistical Methods *reading***

Logic & Set Theory:

- **LOG** Mathematical Logic
- **SET** Set Theory

Additional classes:

- **MCR Mathematical Cryptography**
 - **MAP Quantum Logic and Quantum Probability**
 - **THC Theory of Computing**
- + **Discrete Dynamics @ELTE**
- + **Approximation Algorithms @ELTE**

RES Research Opportunities

consider that it is

- **for advanced students**
- **requires initiative, independent, group work**
- **may be canceled 3rd week**
- **you may have to stop mid-semester depending on your performance in other classes**

NON CREDIT courses:

● **CLA** Classical Algebra

Mon 8:15-10am & Thu 2:30-4pm, room 102

● **GRE** Gre preparation sessions

starts the 2nd week

● **HUP** Hungarian + **Wed 4-6pm**

BSME courses

Cross listed:

**DLP Discovery Learning:
The Pósa Method**

BSME courses:

- **Practicum**
- **Teaching Geometry through Problem Solving**
- **Gamification and Playfulness in Teaching Mathematics**
- **Directed Research: Discovery Learning in Secondary Schools**
- **Field Experience at Derkovits School**

NON-MATH COURSES:

HL1 Beginner Hungarian

HL2 Intermediate Hungarian

MUS Hungarian Music (**NEW**)

HUC Hungarian Art and Culture

PHI Philosophy of Mathematics

FILM Great Masters of European
Cinema

Your paid tuition covers as much as five of the math courses and as many of the non-math courses OFFERED by BSM as you wish.

Extra BSM math courses carry 350USD (87000HUF) extra tuition

You can take (free of charge) **one** AIT course or
McDaniel College courses

Transcripts

BSM and cross listed (with ELTE, CEU and BSME) courses will appear on the BSM transcript

BSME courses will be on a separate BSME transcript

AIT and McDaniel courses will be transcribed by the other school, resp.

Once again,

● REGISTRATION DEADLINE:

February 28th, Thursday, NOON (sharp)

LATE REGISTRATION (if allowed) costs

100USD!!!!

REGISTRATION STARTS THE 2nd WEEK

“Verification of Enrollment Form”

is available as soon as you register.

DEFAULT COUNSELORS:

- **A through I -**

Dezső Miklós;

- **J through P -**

Agnes Szilard;

- **Q through Z -**

Csaba Szabo;

Counselor's Office hours

1st WEEK

Dezső Miklós

Ágnes Szilárd Mon 8:00-10:00am
Wed 10-11am
Thu 3-4pm

Csaba Szabó Mon & Thu 10am-Noon

DURING THE SEMESTER:

- **DROPPING A COURSE –**

by May 17th, Friday noon, the latest

- **Switching to AUDIT**

OTHER IMPORTANT DATES:

- **GRE Math Subject test**

April 6th, Saturday

Learning disabilities and mental health

- Special accommodation for learning disabilities
- Mental Health Problem Counseling Services at College International (BSM)
- Week 2 & 3: **meeting in small groups** with our mental health counselors will help in you getting to know each other better and prepares you a bit for the semester, in terms of how to deal with stress and cultural shock.

-

TEXTBOOKS:

- sold weekly FOR FORINTS ONLY
some used at 60%
(pricelist to be sent out by email)
- full refund till February 28th
- 50% refund at the end of semester

Handouts cannot be refunded!!!!

Helpful

“Q&A sessions”

START

the 2nd week:

C1, C2 and C3, Mon, Tue 5-7pm

Thursday 4-5:30pm

**COLLOQUIA, SPECIAL TALKS &
SOCIAL EVENTS**

Feb 14th – get together, board games and pizza

Feb 21st - N is a number (at the Rényi Inst.)

Feb 28th – feedback and research presentations

Make up classes (MUC)

Usually

Monday morning (8:15 to 10) and

Thursday afternoon (2:15 to 4),

after CLA finishes

LET US KNOW!