

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: **September 27th, Thu, Noon**

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[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

CANCELED

ECO Extremal combinatorics

THE ALGEBRA GROUP

- **AL1 Introduction to Abstract Algebra**
- **AAL Advanced Algebra**
- **CMA Commutative Algebra**

The analysis group:

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

The Combinatorics group:

- **CO1 Intro to Combinatorics -- 1A & 1B**
- **CO2 Combinatorics of Finite Sets**
- **BIO Combinatorial and computational aspects of bioinformatics**
- **COP Combinatorial Optimization**

The Graph Theory group:

- **GRT Graph Theory**

**+ AGT Advanced Topics in
Graph Theory (@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 (meets at Rényi Inst.)**
- + **Algebraic Curves (@ELTE)?**

Logic & Set Theory:

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

Probability & statistics group:

- **PRO** Probability Theory

Additional classes:

- **ILG** Introduction to Lie groups
(schedule at the Welcome Party)
- **MCR** Mathematical Cryptography
- **MAP** Quantum Logic and Quantum Probability
- **THC** Theory of Computing

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

***SCHEDULING IS AT THE
WELCOME PARTY***

NON CREDIT courses:

- **CLA** Classical Algebra

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

-- starting this Thu, ending 4th week Mo

- **GRE** Gre preparation sessions **Tue 5-7pm –**
starts the 2nd week

- **PUT** Putnam preparation **starts the 2nd week**

- **HUP** Hungarian + **Wed 4-6pm**

ELTE COURSES:

- **Game Theory will be held Tuesdays, 4-6pm in "Déli tömb" 3-517.**
- **Codes and Symmetric Structures will be held Thursdays 8-10am in Déli Tömb 0-826**
- **Dynamical Systems you already know will be held Mondays 4-5:40pm in "Deli tomb ``00-115".**
- **Advanced Graph Theory is meeting Fridays, 2:15-4pm in "Deli Tomb", room 1-819.**

BSME courses

Cross listed:

**DLP Discovery Learning:
The Pósa Method**

BSME courses:

- 1. Practicum / Classroom Observations in Mathematics**
- 2. Teaching Geometry through Problem Solving**
- 3. Concept Building through Games and Manipulatives**
- 4. Directed Research: Discovery Learning in Secondary Schools**
- 5. 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 Introduction to Cinema

HMS History of Modern Science

Classrooms

- * **104, 105, 206**

- * **C1, C2 and C3** are in the small annex house across the courtyard.

- * **T1 and T2**, in another wing of the main building, can also be accessed from courtyard.

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:

September 27th, 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 J -**

Dezső Miklós;

- **K through R -**

Agnes Szilard;

- **S through Z -**

Csaba Szabo;

Office hours of counselors

1st WEEK

Dezső Miklós Tue 10-11,
Thu 10-noon

Ágnes Szilárd Wed 10-11:30am,
Thu 2:30-4pm
Fri 10-11:30am

Csaba Szabó Tue 2-4pm
Thu 4-6pm

DURING THE SEMESTER:

- **DROPPING A COURSE –**

by Dec 7th, Friday noon, the latest

- **Switching to AUDIT**

OTHER IMPORTANT DATES:

- **PUTNAM exam –**

December 1st, Saturday

- **GRE Math Subject test**

October 27th, Saturday

Learning disabilities and mental health

- Special accommodation for learning disabilities
- Mental Health Problem Counseling Services at College International (BSM)
- Ágnes Tóth We 2-5 room 206
- Levente Somogyi TBA

Learning disabilities and mental health

Based on our past experience we believe that meeting in small groups with Agnes 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.

So sign-up for a (mandatory) small group sessions starting this Wednesday – sign-up sheet will be sent out today!

TEXTBOOKS:

- sold weekly FOR FORINTS ONLY
some used at 60%
(pricelist to be sent out)
- full refund till Sept 27th
- 50% refund at the end of semester

Handouts cannot be refunded!!!!

Libraries:

- Reference Library in 218
- Renyi Institute Library
- CEU library
- “Szabó Ervin” Metropolitan Library

WHERE TO STUDY

- reading room in 205 - open 7:30am - 8pm.
- rooms 104, 105, 206, when available,
7:30am - 8pm
- rooms 004-007 weekdays 8-10pm
- & 8am – 8pm on weekends
- CEU library (open on weekends too)
- Szabo Ervin Metropolitan library
- Hungarian students also like to study in cafe's

STUDY TIPS

- find study partners, study groups
- use professors office hours (ask if not clear when those are!)
- ask questions in class
- ask questions from other students
- If a difficulty arises, talk to your prof & counselor

Generally: be pro-active!

TUTOR ROOMS STARTING

the 2nd week:

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

**ALSO, SEND AGNES AN EMAIL
IF YOU WOULD LIKE TO BE A
TUTOR!**

Thursday 4-5:30pm

**COLLOQUIA, SPECIAL TALKS &
SOCIAL EVENTS**

Sept 13th – get together, board games and pizza

Sept 20th - N is a number (at the Rényi Inst.)

Sept 27th – 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

Cancellation first week

AAL -- no class today, starts on Wednesday

PUT – starts next week (to be scheduled by email)

GRE – starts next week

TOP meets 8:30am-10am, no break

LET US KNOW!