

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 22nd, 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

STARTING as READING courses

BIO Combinatorial and computational aspects of bioinformatics (meets Th 2-4)

LOG Mathematical Logic (scheduled after orientation)

STA Statistical Methods (meets We 4-6, room 104)

THE ALGEBRA GROUP

- **AL1 Introduction to Abstract Algebra**
 - **AAL Advanced Algebra**
 - **CMA Commutative Algebra**
- + Lie algebras (@ELTE)**

The analysis group:

- **ANT Topics in 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 (reading)**
- **COP Combinatorial Optimization**
- **ECO Extremal Combinatorics (also graph theory)**

The Graph Theory group:

- **GRT Graph Theory**
- **ECO Extremal Combinatorics**

**+ 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**
 - **LDT2 Low Dimensional Topology (cross listed with CEU, meets at Rényi Inst.)**
- + Algebraic Geometry (@ELTE)?**

Probability & statistics group:

- **PRO Probability Theory**
- **STA Statical Methods (reading) (meets We 4-6, room 104)**

Logic & Set Theory:

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

Additional classes:

- **GMT** Game Theory
 - **MCR** Mathematical Cryptography
 - **MAP** Quantum Logic and Quantum Probability
 - **THC** Theory of Computing
- + Ergodic Theory
- + Dynamical systems & Diff Eqs (**@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

-- starting this Thu, ending 4th week Mo

- **GRE** Gre preparation sessions **Tue 5-7pm**

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

ELTE COURSES:

START: week of Feb 12

When/where TBA

- **Dynamical Systems & Diff Eqs**
- **Advanced topics in Graph Theory**
- **Lie Algebras**
- **Ergodic Theory**
- **Algebraic Geometry**

BSME courses

Cross listed:

**DLP Discovery Learning:
The Pósa Method**

BSME courses:

Practicum

Problem Solving in Secondary School Mathematics (Zoltán Gyenes)

Concept Building through Games and Manipulatives (Anna Kiss)

Directed Research: Alternative Assessment
(Fruzsina Kollanyi)

BSME internships:

Derkovits School

Kalunba: Refugee Integration Program

NON-MATH COURSES:

HL1 Beginner Hungarian

HL2 Intermediate Hungarian

HL3 Fast track Hungarian

HUC Hungarian Art and Culture

PHI Philosophy of Mathematics

FILM Introduction to Cinema

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:

February 22nd, 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 D -**

Dezső Miklós;

- **E through N -**

Agnes Szilard;

- **O through Z -**

Csaba Szabo;

Office hours of counselors

1st WEEK

Dezső Miklós Mo (today) 10-11:30,
Tu & Th 10-noon

Ágnes Szilárd Wed 3:30pm - 5:30pm, Fri 10-
11am

Csaba Szabó Mo (today) Noon – 2pm

DURING THE SEMESTER:

- **DROPPING A COURSE –**

by May 11th, Friday noon, the latest

- **Switching to AUDIT**

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 Tue 10:00-13:00 room T2

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.

TEXTBOOKS:

- sold weekly FOR FORINTS ONLY
- some used at 60%
- full refund till Feb 22
- 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 - 7pm
- rooms 004-007 weekdays 7-10pm
- & 9am – 8pm on weekends
- CEU library (open on weekends)
- 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!

Thursday 4-5:30pm

- 8 Febr – get together, board games and pizza
- 15 Febr - N is a number (at the Rényi Inst.)
- 22 Febr – feedback and research presentations
- 1 March – coll. lecture and visit CEU (library)
- 8 March – Dalma Szentpalyi on 15th of March
- 15 March – National holiday

Make up classes

Usually

Monday morning (8:15 to 10) and

Thursday afternoon (2:15 to 4),

after CLA finishes

Cancellation, first week

NU1 -- no class on Wednesday

DIG – no class Monday (today)

DCG – no class on Tuesday

CO1.A -- Tuesday, starts at 9:15

STA meets Wednesday 4pm

BIO meets Thursdays 2-4pm **MAY CHANGE!!!!**

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

CLA meets Th 2:30pm-4pm, no break

LET US KNOW!