

ACADEMICS:

READ!!!

BUDAPEST SEMESTERS IN MATHEMATICS

LINKS

- [Contact & Directions](#)
- [Useful: stores around BSM, things to do in BP](#)
- [VISA/RESIDENCE PERMIT info](#)
- [Summary](#) and [Details](#) of the local Health Insurance

24/7 BSM emergency phone number: 0036206285562

FALL 2016

Welcome letters

Arrival info, accommodation and other practicalities...

Academic Calendar

Schedule of classes

MUC times

Syllabi of the courses

Academic Rules

ONLINE REGISTRATION

accessible from Sept 18th

LINKS

- [BSM professors, 1985 -](#)
- [Local math competitions archive](#)
- [BSM undergraduate research: articles](#)
- The [American homepage](#) of BSM
- The [American homepage](#) of BSME (Budapest Semesters in Mathematics Education)
- The [Rényi Institute](#): its library and directions to RI

BSM UPCOMING EVENTS (click the event for details)

Today Sunday, September 4 ▾

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

Monday, September 5

First day of classes

- First three weeks are for making final decisions! Registration deadline & feedback session: **September 21st, Thursday**

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First day of classes

During/after the first three weeks

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

based on enrollment data.

Overview of courses

STARTING as READING courses

-- *schedule during the Welcome Party*

BIO Combinatorial and computational aspects of bioinformatics

NUT Topics in Analysis,

STA Statistical Methods

Also **PUT** “Putnam preparation sessions”

THE ALGEBRA GROUP

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

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 —
Analytic Number Theory

The problem solving group:

- **DLP** Discovery Learning:

The Pósa Method

- **MPS** Mathematical Problem Solving

- **C&P** Conjecture and Proof

- **PUT** Putnam Preparation

Sessions (non-credit)

The geometry & topology group:

- **DCG** Discrete and Convex Geometry
- **DIG** Differential Geometry
- **TOP** Introduction to Topology
- **ALT** Algebraic Topology
- **LDT** Low Dimensional Topology (**new**)

Probability & statistics group:

- **PRO Probability Theory**
- **STA Statical Methods (reading)**

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

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**

MUC

Make up classes

The make up time for canceled classes is allocated at

Monday 8 – 10 am

Thursday 2 – 4 pm

(after CLA is over)

NON CREDIT courses:

- **CLA** Classical Algebra

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

-- starting this Thu, ending 4th week Mo

- **PUT** Putnam preparation sessions

schedule at Welcome Party

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

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

ELTE COURSES:

START: week of Sept 11th

When/where TBA

- **Dynamical Systems**
- **Advanced topics in Graph Theory**

BSME courses

Cross listed:

**DLP Discovery Learning:
The Pósa Method**

BSME courses:

Problem Solving in Secondary School Mathematics (Zoltán Gyenes)

Concept Building through Games and Manipulatives (Anna Kiss)

Directed Research: Gender Issues in Mathematics (Fruzsina Kollanyi)

BSME internships:

Derkovits School

Kalunba: Refugee Integration Program

Milestone Institute

NON-MATH COURSES:

HL1 Beginner Hungarian

HL2 Intermediate Hungarian

HUC Hungarian Art and Culture

PHI Philosophy of Mathematics

FILM Introduction to Cinema

NO CLASS 1st week:

CLX Complex Analysis

MCR Mathematical Cryptography

NU1 Intro Number Theory

Classes start at 15 minutes past the hour (e.g. 10:15am) and an "hour" lasts 45minutes

**There may be special arrangements
*eg. CLA Thursday is 2:30-4 pm***

Colloquium lectures and other all class activities

There will be all class colloquium lectures and other all class activities on Thursday afternoons, usually from 4:15pm.

1st week: **Pizza and board games**

2nd week: “*N is a number*”, a movie about **P. Erdős**

3rd week: **Feedback session and research groups’ first seminar**

Classrooms

* **104, 105, 206**

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

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

Once again,

● REGISTRATION DEADLINE:

September 21st, Thursday, NOON

and feedback session 4:00 pm

REGISTRATION STARTS THE 2nd WEEK

“Verification of Enrollment Form”

is available as soon as you register.

DEFAULT COUNSELORS:

- **A through L -**

Dezső Miklós;

- **M through R -**

Agnes Szilard;

- **S through Z -**

Csaba Szabo;

Office hours of counselors

1st WEEK

Dezső Miklós Mon 10-11:30 am
Wed 10am - 12:30pm
Fri 10-11:30 am

Ágnes Szilárd Tue, We, Fri 8:30-10:30 am
Thu 2-4pm

DURING THE SEMESTER:

- **DROPPING A COURSE –**

by Dec 1st, 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)**

TEXTBOOKS:

- sold weekly FOR FORINTS ONLY
some used at 60%
- full refund till Sept 21st
- 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 (if not clear when those are ask)
- ask questions in class
- ask questions from other students
- if a difficulty arises, talk to your prof & counselor

Generally: be proactive!

LET US KNOW!