

**Budapest Semesters in  
Mathematics**

**Math in Moscow**

**University of Newcastle**

**University of Karlsruhe**

<b>Website</b>	<a href="http://www.stolaf.edu/depts/math/budapest/">http://www.stolaf.edu/depts/math/budapest/</a>	<a href="http://www.mccme.ru/mathinmoscow/">http://www.mccme.ru/mathinmoscow/</a>	<a href="http://www.newcastle.edu.au/">http://www.newcastle.edu.au/</a>	<a href="http://www.mathematik.uni-karlsruhe.de/page/international/en">http://www.mathematik.uni-karlsruhe.de/page/international/en</a>
<b>Contact e-mail</b>	<a href="mailto:budapest@stolaf.edu">budapest@stolaf.edu</a>	<a href="mailto:mim@mccme.ru">mim@mccme.ru</a>	<a href="mailto:study-abroad@newcastle.edu.au">study-abroad@newcastle.edu.au</a>	<a href="mailto:ipsm@math.uni-karlsruhe.de">ipsm@math.uni-karlsruhe.de</a>
<b>Application deadline</b>	April 30 <sup>th</sup> / November 1 <sup>st</sup>	March 30 <sup>th</sup> / September 30 <sup>th</sup>	<i>Bilateral Exchange through VT:</i> Applications are due Mid-August for Spring semesters or Mid-January for Fall semesters;  <i>Direct Study Abroad applying to the school:</i> December 31 <sup>st</sup> - for study beginning February (semester 1) May 15 <sup>th</sup> – for study beginning July (semester 2)	June 1 <sup>st</sup> of every year
<b>Tuition deadline</b>	\$500 w/in 3 weeks of acceptance letter, remaining money July 1 <sup>st</sup> or Dec. 15 <sup>th</sup> .	May 15 <sup>th</sup> / November 15 <sup>th</sup>	<i>Bilateral Exchange:</i> Payment directly to VT when billed for that semester;  <i>Direct Study Abroad:</i> Payment to Univ. New Castle after acceptance.	N/A
<b>School affiliate</b>	St. Olaf College in Northfield, MN and The Renyi Institute in Budapest, Hungary	Independent University of Moscow in Moscow, Russia	University of Newcastle in Newcastle, NSW, Australia	Universität Karlsruhe in Karlsruhe, Germany
<b>Semester Dates</b>	Mid-September – Late December/ Early February – Late May	Early September – Mid-December/ Mid February – Late May	Mid February-early July / Late July	A one-year program: Mid October - mid February (15 weeks), and Mid April - mid July (14 weeks).
<b>Costs (per semester)</b>				
<b>Tuition</b>	\$5,500 spring 07	\$4,500	<i>Bilateral Exchange:</i> Regular in-state or out-of-state VT tuition;  <i>Direct Study Abroad:</i> AUD7,000 per semester/trimester	At present there are no tuition fees! But take notice of the following fees: Registration 95 Euro per semester, German classes 100 Euro per semester, Health insurance 55 Euro per month, living and housing about 550 Euro per month, some smaller fees for additional services.
<b>Room</b>	\$1,600 – \$2,100	\$270-\$500 per month	AUD \$12, 000 (room & board)	200 Euro for dorm/ 300 Euro for apt.

<b>Food</b>	\$1,500	About \$7/day	See above	250 Euro/month
<b>Textbooks</b>	\$300	\$200	<\$50	N/A
<b>Approx. airfare</b> (through <a href="http://studentuniverse.com">studentuniverse.com</a> or <a href="http://statravel.com">statravel.com</a> )	\$700-\$900	\$1,000	\$1,500-\$2,000	\$600-\$800
<b>Types of housing available in the program</b>	Apartment or a Hungarian family. In both instances, you will usually be paired up with another BSM student for a roommate.	Individual room in a student hostel near school	Home-Stay, on campus apartments, off-campus rented houses. The International Student office will help with housing upon your arrival.	Co-ed dormitories (units with 4-8 single rooms, sharing a bathroom and kitchen) or apartments off campus (units with 3-5 single rooms sharing a bathroom and kitchen). Living with other foreigners or Germans.
<b>Average class size</b>	7-15 students	Small	20 (or 200 for lectures)	15-25 (max 50)
<b>Average Course Load</b>	3-4 math classes, 1 non-math class.	3 math classes	3-5 classes	20 hours/semester
<b>Math courses offered</b>	Abstract Algebra, Advanced Analysis, Complex Analysis, Combinatorics, Functional Analysis, Galois Theory, Geometry, Graph Theory, Number Theory, Probability, Real Functions and Measures, Set Theory, Topology, Computing, etc.	Algebra, Topology, Combinatorics, Programming, Differential Equations, Differential Geometry, Calculus on Manifolds, Complex Analysis, Dynamics Systems, Group Theory, Number Theory, Mathematics Physics, Riemann Surfaces, etc.	See University of Newcastle website: <a href="http://studinfo3.newcastle.edu.au/cts/handbook/handbooksubjectsearch.cfm">http://studinfo3.newcastle.edu.au/cts/handbook/handbooksubjectsearch.cfm</a>	For the undergraduate program, at least 4 classes presented in English. The different topics are: Algebra/Geometry; Analysis/Partial Differential Equations; Numerical Analysis/Scientific Computing; Stochastics/Statistics. For past semester classes offered, go to: <a href="http://www.mathematik.uni-karlsruhe.de/page/classes/">http://www.mathematik.uni-karlsruhe.de/page/classes/</a>  For the masters program, the courses are determined from the "International Program" of the department of mathematics.
<b>Non-math courses offered</b>	History of Central Europe, Hungarian Language Classes (Beginner and Intermediate), Hungarian Art and Culture, History of Mathematics, Philosophy, European Film Analysis	History of Math and Sciences, History of Russia, Russian Language (Beginner and Intermediate), Russian Literature	See University of Newcastle website: <a href="http://studinfo3.newcastle.edu.au/cts/handbook/handbooksubjectsearch.cfm">http://studinfo3.newcastle.edu.au/cts/handbook/handbooksubjectsearch.cfm</a>	German language
<b>Required math courses before attending</b>	Either linear algebra or advanced calc.	Either linear algebra or advanced calc.	It depends on which courses you want to take	Analysis I, II, Linear Algebra I, II, Basic knowledge of Stochastic and Numerical Analysis
<b>Visa Needed?</b>	Yes	Yes	Yes	Yes

<b>Language program offered?</b>	Yes. Two-week optional language course before each academic semester.	N/A	N/A	N/A
<b>Grants available</b>	N/A	American Mathematics Society - <a href="http://www.ams.org/employment/mimoscow.html">http://www.ams.org/employment/mimoscow.html</a>	N/A	Socrates/Erasmus Program and DAAD; national funds for academic exchange; some teaching or technical assistantships are available.
<b>Recommendations needed for applying</b>	Two recommendations from math professors	Two recommendations from math professors	One recommendation from anyone and a letter of purpose	Two recommendations from math professors.
<b>Student e-mail if you have further questions</b>	Destiny Coslett: <a href="mailto:dcoslett@vt.edu">dcoslett@vt.edu</a>		Shelley Kasiske: <a href="mailto:shelleyk@vt.edu">shelleyk@vt.edu</a>	

