

Department of Mathematics
APPLICATION FOR TEACHING ASSISTANTSHIP
SEPTEMBER 2011 TO APRIL 2012

Please read carefully and retain this page.

*Qualifications: Excellent background in mathematics;
 Excellent communication skills
 in English, both written and oral form.*

A transcript **is not** needed from:

- Graduate students in the Department of Mathematics,
- All Undergraduate applicants in the Department of Mathematics,
- Applicants who have worked for the Department of Mathematics in the past.

All other applicants must submit a transcript/academic record/statement of results. Original document is not necessary. A copy will do.

Decisions will be announced in August.

Abe Igelfeld
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Department of Mathematics
40 St. George St., 6th floor

Application Deadline: Friday, June 24, 2011 at 5:00pm

This posting is in accordance with the CUPE 3902, Unit 1 Collective Agreement.

DEPARTMENT OF MATHEMATICS - APPLICATION FOR TEACHING ASSISTANTSHIP

FOR SEPTEMBER 2011 TO APRIL 2012

APPLICATION DEADLINE: FRIDAY, JUNE 24, 2011 at 5:00PM

Surname: _____

First name: _____

U of T student #: _____

E-mail: _____

Telephone #: _____

Home address: _____

FOR OFFICE USE ONLY

In September 2011 your status will be (choose one only):

PH D: _____ Start date: _____

M SC: _____ Start date: _____

Dept of Study: _____

Your office phone #: _____

Below, list your preferences. In the column under "Choice" rank your preference as to campus of assignment. These will be met if possible.

Choice	Campus	Course Preferences (see course listings)
	St. George	
	UTM	
	UTSC	

FOR UNDERGRAD APPLICANTS ONLY:

Program/dept.:

Campus where are you registered (circle one): St. G UTM UTSC

Most advanced math course(s) completed:

COMPLETE AND RETURN ONLY THIS PAGE TO PATRINA SEEPERSAUD'S MAILBOX IN ROOM BA6290A
or E-MAIL A COPY TO: p.seepersaud@utoronto.ca

DEPARTMENT OF MATHEMATICS TEACHING ASSISTANTSHIPS 2011-2012

All positions and hours listed below are tentative pending funding and enrolment.

The Department of Mathematics reserves the right to change/cancel announced positions.

LEGEND: F Courses = Sep-Dec Y Courses = Sep-Apr S Courses = Jan-Apr

DUTIES may include all or any combination of the following: marking, scheduled tutorial, office hours, Math Aid Centre, test and exam supervision.

FACULTY OF ARTS AND SCIENCE, ST. GEORGE CAMPUS

COURSE	COURSE TITLE	HOURS	# of Assignments	COURSE	COURSE TITLE	HOURS	# of Assignments
APM236F	Applied Linear Prog.	100	1	MAT257Y	Analysis II	125	2
APM236S	Applied Linear Prog.	80	1	MAT267F	Advanced ODEs I	110	1
APM346F	Differential Equations	120	2	MAT271F	Insights From Maths	60	1
APM351Y	Diff. Equ. of Math Physics	80	1	MAT301F	Groups and Symmetries	80	1
APM421F/MAT1723	Mathematical Foundations of Quantum	45	1	MAT301S	Groups and Symmetries	80	1
APM426S/MAT1700	General Relativity	50	1	MAT309F	Intro Math Logic	130	1
APM461S/MAT1302	Combinatorial Methods	35	1	MAT315S	Intro Number Theory	60	2
APM462S	Nonlinear Optimization	140	1	MAT327F	Intro Topology	100	1
APM466S/MAT1856	Math Theory of Finance	90	1	MAT329Y	Concepts in Elementary Mathematics	80	1
JMB170Y	Bio Models and Math	170	1	MAT332F	Intro to Graph Theor	35	1
MAT123S	Calc Lin Alg for Com (A)	35	1	MAT334F	Complex Variables	45	2
MAT133Y	Calc Lin Alg for Com	110	18	MAT334S	Complex Variables	75	2
MAT135F	Calculus Sci I	55	31	MAT335F	Chaos Fractals Dynamics	60	1
MAT135S	Calculus 1(A)	55	4	MAT337S	Intro Real Analysis	55	2
MAT136S	Calculus 1(B)	55	27	MAT347Y	Groups Rings and Fields	150	1
MAT137Y	Calculus I	200	8	MAT354F	Complex Analysis I	55	1
MAT157Y	Analysis I	200	3	MAT357S	Real Analysis	100	1
MAT223F	Linear Algebra I	55	12	MAT363S	Diff Geometry I	65	1
MAT223S	Linear Algebra I	55	12	MAT401S	Polyn Equ and Fields	35	1
MAT224F	Linear Algebra II	55	3	MAT402S	Classical Geometries	90	1
MAT224S	Linear Algebra II	55	7	MAT454S/MAT1002	Complex Analysis II	70	1
MAT235Y	Calculus Sci II	70	10	MAT457Y/MAT1000	Real Analysis I	65	2
MAT237Y	Vector Calculus	90	10	MAT458/MAT1001S	Real Analysis II	45	2
MAT240F	Algebra I	90	2	MAT475F	Problem Solving Sem	20	1
MAT244F	Intro ODEs	100	2	MAT1060F	Partial Differential Equations I	60	1
MAT244S	Intro ODEs	125	2	MAT1100F	Algebra I	60	1
MAT246F	Conc in Abstract Math	60	2	MAT1101S	Algebra II	50	1
MAT246S	Conc in Abstract Math	120	2	MAT1300F	Topology I	70	1
MAT247S	Algebra II	60	2	MAT1301S	Topology II	60	1

Course descriptions can be found at: http://www.artsandscience.utoronto.ca/ofr/calendar/crs_mat.htm

<http://www.math.toronto.edu/graduate/courses/descriptions.html>

DEPARTMENT OF MATHEMATICS TEACHING ASSISTANTSHIPS 2011-2012

UNIVERSITY OF TORONTO AT MISSISSAUGA				UNIVERSITY OF TORONTO AT SCARBOROUGH			
COURSE	COURSE TITLE	HOURS	# of Assignments	COURSE	COURSE TITLE	HOURS	# of Assignments
MAT102H5F	Mathematical Proofs**	50	7	MATA02H3F	The Magic of Numbers	up to 55	up to 4
MAT102H5S	Mathematical Proofs**	50	4	MATA30H3F	Calculus I	up to 79	up to 20
MAT133Y	Calculus & Linear Alg*	100	18	MATA30H3Y	Calculus I	up to 134	up to 5
MAT134Y	Calculus for Life Sciences*	100	14	MATA31H3F	Calculus I for Mathematical Sciences	up to 110	up to 7
MAT135Y	Calculus*	100	15	MATA32H3F	Calculus for Management I	up to 55	up to 20
MAT137Y	Calculus*	100	4	MATA32H3Y	Calculus for Management I	up to 110	up to 5
MAT202H5S	Mathematical Abstraction	50	2	MATB24H3F	Linear Algebra II	up to 79	up to 2
MAT212H5S	Differential Eqns&Modeling**	50	1	MATB41H3F	Techniques of the Calculus of Several Variables I	up to 65	up to 3
MAT223H5F	Linear Alg: I**	50	6	MATA23H3S	Linear Algebra I	up to 79	up to 10
MAT223H5S	Linear Alg: I**	50	6	MATA30H3S	Calculus I	up to 79	up to 5
MAT224H5S	Linear Alg: II**	50	4	MATA32H3S	Calculus for Management I	up to 55	up to 5
MAT232H5F	Calculus of Several Variables**	50	4	MATA33H3S	Calculus for Management II	up to 55	up to 20
MAT233H5F	Calculus of Several Variables**	50	2	MATA35H3S	Calculus II for Biological Sciences	up to 55	up to 7
MAT242H5F	Differential Equations I**	50	3	MATA36H3S	Calculus II for Physical Sciences	up to 55	up to 7
MAT252H5S	Differential Equations II**	50	2	MATA37H3S	Calculus II for Mathematical Sciences	up to 110	up to 7
MAT301H5F	Groups and Symmetries	60	1	MATB42H3S	Techniques of the Calculus of Several Variables II	up to 65	up to 5
MAT302H5S	Finite Fields and Applications	60	1				
MAT309H5S	Introduction to Mathematical Logic	60	1	Staff-appointed members may conduct some MATA37 & MATB42 tutorials.			
MAT311H5F	Partial Diff: Equations***	60	1	"Y" courses listed above will run for 24-weeks, at half speed.			
MAT315H5S	Number Theory	60	1				
MAT332H5F	Nonlinear Dynamics & Chaos	60	1				
MAT334H5F	Complex Variables***	60	1				
MAT344H5F	Introduction to Combinatorics	60	1	There may be grading opportunities for the following (usually between 25-45 hrs, depending on enrolments): MATC01H3F, MATC09H3F, MATC15H3F, MATC34H3F, MATC58H3F, MATC82H3F, MATC90H3F, MATC16H3S, MATC27H3S, MATC37H3S, MATC44H3S, MATC46H3S, MATD01H3S, MATD02H3S			
MAT368H5S	Vector Calculus***	60	2				
MAT378H5S	Foundations of Analysis	60	1				
MAT382H5F	Mathematics for Teachers	60	1				
MAT392H5F	Ideas of Mathematics	60	1				
MAT405H5F	Introduction to Topology	60	1				
* the first tutorials 100 hours and the additional tutorials 80 hours				Course descriptions can be found at: http://www.utoronto.ca/courses/calendar/Mathematics.html			
** the first tutorials 50 hours and the additional tutorials 40 hours							
*** the first tutorials 60 hours and the additional tutorials 50 hours							
Course descriptions can be found at: http://www.utm.utoronto.ca/regcal/WEBLISTCOURSES27.html							

