

# 2010-2011 Graduate Course Offerings

Updated September 8, 2010

The following courses will be offered for the Fall 2010. All first year Ph.D. students are required to take two full terms of course work which must contain at least four core courses in their area of Pure/Applied/Stat or Math Finance during their first year. Please register on Beartracks. If you are unsure of which courses to register in, please contact your Advisor.

## Fall Term

### MATHEMATICS (Fall 2010)

<b>Math 515</b>	Introduction to Mathematical Finance (Either Term 3-0-0)
Lecture A1	MWF 1000 1050 CAB 657 (41427) <u>Frei, C.</u>
<b>Math 516</b>	Linear Analysis (Either Term 3-0-0)
Lecture A1	MWF 1300 1350 CAB 657 (46023) <u>Troitsky, V.</u>
<b>Math 521</b>	Differential Manifolds (Either Term 3-0-0)
Lecture B1	MWF 1100 1150 CAB 457 (49096) <u>Doran, C</u>
<b>Math 524</b>	Ordinary Differential Equations IIA (Either Term 3-0-0)
Lecture B1	TR 1100 1220 TBA (48927) <u>Berger, A.</u>
<b>Math 527</b>	Intermediate Partial Differential Equations (Either Term 3-0-0)
Lecture B1	WF 1500 1620 CAB 457 (49098) <u>Yu, X.</u>
<b>Math 535</b>	Numerical Methods I (First Term 3-0-0)
Lecture A1	MWF 0900 0950 CAB 657 (41425) <u>Wong, Y.S.</u>
<b>Math 581</b>	Group Theory (Either Term 3-0-0)
Lecture A1	TR 1400 1520 CAB 657 (36217) <u>Cliff, G.</u>

*Fall 2010 Continued*

<b>Math 642</b>	Abstract Harmonic Analysis (Either Term 3-0-0)						
	Lecture A1	MWF	1400	1450	CME 342	<b>(36211)</b>	<u>Lau, A.</u>
<b>Math 659</b>	Research Seminar in Mathematics (either Term 0-2s-0)						
	Seminar A1	W	1530	1620	CAB 476	<b>(35003)</b>	<u>Li, Y.</u>
<b>Math 676</b>	Topics in Geometry I (either Term 3-0-0)						
	Lecture C1	MWF	1500	1550	CAB 563	<b>(46978)</b>	<u>Lewis, JD</u>
<b>Math 681</b>	Topics in Algebra (Either Term 3-0-0)						
	Lecture A1	TR	1230	1350	CAB 657	<b>(39951)</b>	<u>Gannon, T.</u>
	Lecture B1	TBA				<b>(48928)</b>	<u>Peschke, G.</u>

**PLEASE NOTE:**

MSc (course-based) students must register in at least one term of either Math 900 A&B or Stat 900 A&B. MSc (thesis-based) students must register in at least one term of Thes 9xx. Thes 919 may be registered in after the completion of the second term. PhD students must register in at least one term of Thes 9xx. Thes 919 may be registered in after the completion of the fourth term.

**STATISTICS (Fall 2010)**

<b>Stat 502</b>	Directed Study II (Either Term 3-0-0)						
	Lecture A1	MWF	1000	1050	CAB 235	<b>(36171)</b>	<u>Li, P.</u>
<b>Stat 503</b>	Directed Study III (Either Term 3-0-0)						
	Lecture A1	TR	0930	1050	CAB 281	<b>(35873)</b>	<u>Gombay, E.</u>
<b>Stat 512</b>	Techniques of Mathematics for Statistics (Either Term 3-0-0)						
	Lecture A1	MW	1300	1420	TBA	<b>(47263)</b>	<u>Frei, C.</u>

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<b>Stat 532</b>	Survival Analysis (Either Term 3-0-0)								
	Lecture A1	TR	1230	1350	CAB	457	<b>(30335)</b>	<u>Li, P.</u>	
<b>Stat 562</b>	Discrete Data Analysis (Either Term 3-0-0)								
	Lecture B1	MW	1000	1120	TBA		<b>(48921)</b>	<u>Carriere, K.C.</u>	
<b>Stat 566</b>	Methods of Statistical Inference (Either Term 3-0-0)								
	Lecture A1	TR	1530	1650	CAB	457	<b>(39953)</b>	<u>Karunamuni, R.</u>	
<b>Stat 578</b>	Regression Analysis (Either Term 3-0-0)								
	Lecture A1	MWF	1200	1250	CAB	457	<b>(36995)</b>	<u>Mizera, I.</u>	
<b>Stat 580</b>	Stochastic Processes (Either Term 3-0-0)								
	Lecture A1	TR	1400	1520	CAB	457	<b>(42373)</b>	<u>Schmuland, B.</u>	

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