

2011 Graduate Course Offerings

Updated July 14, 2010

The following courses will be offered for the Fall 2010 and Winter 2011 terms. 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.

Winter Term

MATHEMATICS (Winter 2011)

Math 506 Complex Variables IIA (Either Term 3-0-0)

Lecture Q1 TR 0930 1050 C E 5-36 **(61592)** Lewis, J.D.

Math 512 Algebraic Number Theory (Either Term 3-0-0)

Lecture Q1 MWF 1200 1250 CAB 369 **(61590)** _____

Math 515 Mathematical Finance I (Either Term 3-0-0)

Lecture Q1 TBA **(63484)** Closed

Math 518 Functional Analysis (Either Term 3-0-0)

Lecture Q1 MWF 1400 1450 TBA **(63136)** _____

Math 519 Introduction to Operator Algebras (Either Term 3-0-0)

Lecture Q1 TR 1400 1520 TBA **(55148)** _____

Math 520 Mathematical Finance II (Either Term 3-0-0)

Lecture Q1 MWF 1000 1050 TBA **(58694)** Choulli, T.

Math 525 Ordinary Differential Equations IIB (Either Term 3-0-0)

Lecture Q1 MWF 1000 1050 TBA **(54652)** Lewis, M.

Math 530 Algebraic Topology (Either Term 3-0-0)

Lecture Q1 MWF 1300 1350 TBA **(53708)** Peschke, G.

Math 536 Numerical Solutions of Partial Differential Equations I (Either Term 3-0-0)

	Lecture Q1	TR	0930	1050	TBA	(67076)	<u>Minev, P.</u>
Math 538	Techniques of Applied Mathematics (Either Term 3-0-0)						
	Lecture Q1	TR	1100	1220	TBA	(58690)	_____
Math 543	Measure Theory (Either Term 3-0-0)						
	Lecture Q1	TBA				(68518)	<u>Litvak, A.</u>
Math 570	Mathematical Biology (Either Term 3-0-0)						
	Lecture Q1	TR	1230	1350	TBA	(56100)	_____
Math 581	Group Theory (Either Term 3-0-0)						
	Lecture Q1	TR	1230	1350	TBA	(56646)	_____
Math 582	Rings and Modules (Either Term 3-0-0)						
	Lecture Q1	MWF	1100	1150	TBA	(52104)	<u>Guay, N.</u>
Math 600	Reading in Math (Either Term 3-0-0)						
	Lecture Q1	Reading Course				(52106)	_____
Math 615	Mathematical Models for the Term Structure of Interest Rates (Either Term 3-0-0)						
	Lecture Q1	TBA				(63096)	_____
Math 617	Topics Functional Analysis I (Either Term 3-0-0)						
	Lecture Q1	MWF	1300	1350	TBA	(56740)	_____
Math 618	Topics Functional Analysis II (Either Term 3-0-0)						
	Lecture Q1	MWF	1100	1150	TBA	(57386)	<u>Yaskin, V.</u>
Math 625	Advanced Mathematical Finance (Either Term 3-0-0)						
	Lecture Q1	MWF	1400	1450	TBA	(56652)	_____
Math 630	Topics in Algebraic Topology (Either Term 3-0-0)						
	Lecture Q1	TBA				(63146)	_____
Math 641	Banach Space Theory (Either Term 3-0-0)						
	Lecture Q1	TBA				(55934)	_____
Math 642	Abstract Harmonic Analysis (Either Term 3-0-0)						
	Lecture Q1	MWF	1400	1450	TBA	(55498)	_____

Math 643	Topics in Analysis	(Either Term 3-0-0)							
	Lecture Q1	TBA				(55936)	<u>Jia, R.Q.</u>	_____	
Math 650	Seminar in Algebra	(Either Term 0-2s-0)							
	Seminar Q1	TBA				(53790)	_____		
Math 651	Seminar in Analysis	(Either Term 0-2s-0)							
	Seminar Q1	TBA				(53800)	_____		
Math 652	Seminar in Differential Equations	(Either Term 0-2s-0)							
	Seminar Q1	TBA				(53450)	_____		
Math 653	Seminar in Functional Analysis	(Either Term 0-2s-0)							
	Seminar Q1	TBA				(53452)	_____		
Math 654	Seminar in Nonlinear Waves/Fluid Mechanics	(Either Term 0-2s-0)							
	Seminar Q1	TBA				(52108)	_____		
Math 655	Topics in Fluid Dynamics	(Either Term 3-0-0)							
	Lecture Q1	TR	0930	1050	TBA	(54638)	<u>Swaters, G.</u>	_____	
Math 656	Seminar in Mathematical Biology	(Either Term 0-2s-0)							
	Seminar Q1	TBA				(55496)	_____		
Math 659	Research Seminar in Mathematics	(Either Term 0-2s-0)							
	Seminar Q1	TBA				(53654)	_____		
Math 663	Topics in Applied Mathematics I	(Either Term 3-0-0)							
	Lecture Q1	TBA				(63144)	_____		
Math 664	Topics in Applied Mathematics II	(Either Term 3-0-0)							
	Lecture Q1	TR	1100	1220	TBA	(54664)	_____		
Math 667	Topics in Differential Equations I	(Either Term 3-0-0)							
	Lecture Q1	MWF	0900	0950	TBA	(54636)	<u>Li, M.</u>	_____	
Math 676	Topics in Geometry I	(Either Term 3-0-0)							
	Lecture Q1	MWF	1500	1550	TBA	(56086)	_____		

Math 677 Topics in Geometry II (Either Term 3-0-0)

Lecture Q1 TBA (63142) _____

Math 681 Topics in Algebra (Either Term 3-0-0)

Lecture Q1 TR 1100 1220 TBA (63138) McNeilly, D.

Math 682 Topics in Algebra (Either Term 3-0-0)

Lecture Q1 TR 0930 1050 TBA (63140) _____

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 (Winter 2011)

Stat 501 Directed Study I (Either Term 3-0-0)

Lecture Q1 MWF 1000 1050 CAB 273 (55872) _____

Stat 561 Sample Survey Methodology (Either Term 3-0-0)

Lecture Q1 MWF 1300 1350 TBA (58678) Prasad, N.

Stat 568 Design and Analysis of Experiments (Either Term 3-0-0)

Lecture Q1 MWF 0900 0950 TBA (57232) Li, P.

Stat 571 Probability and Measure (Either Term 3-0-0)

Lecture Q1 TR 1100 1220 TBA (58676) Gombay, E.

Stat 575 Multivariate Analysis (Either Term 3-0-0)

Lecture Q1 TR 1230 1350 TBA (66086) _____

Stat 590 Statistical Consulting (First Term 3-0-0)

Lecture Q1 TBA (68637) _____

Stat 665 Asymptotic Methods in Statistical Inference (Either Term 3-0-0)

Lecture Q1 TR 0930 1050 TBA (56650) _____

Stat 671 Probability Theory I (Either Term 3-0-0)

Lecture Q1 TBA (63604) _____

Stat 766 Topics in Statistics I (Either Term 3-0-0)

Lecture Q1 MWF 1400 1450 TBA (56648) _____

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