

DEPARTMENT OF MATHEMATICS AND STATISTICS
2017-18 Graduate Course/Seminar Offerings



LAST UPDATED: 7 JULY 2017

Term	Course	Title	Instructor	Time ¹	Room ²
FW	MATH 800	Seminar	See seminars*		
F	MATH 802/402	Enumerative Combinatorics	G Smith	1	JEF101
F	MATH 818/418	Number Theory and Cryptography	E Kani	22	JEF126
W	MATH 827/427	Into to Deterministic Dynamical Systems	D Offin	3	JEF115
F	MATH 830/430	Modern Control Theory	A R Mansouri	5 13 W Tutorial 8:30-11:30 M Lab 11:30-2:30 M Lab 11:30-2:30 Th Lab	JEF225 JEF225 ILC326 ILC326 ILC326
W	MATH 836/439	Lagrangian Mechanics, Dynamics, Control	A Lewis	1 4 W Tutorial	JEF234 JEF118
F	STAT 853/463	Statistical Inference	B Levit	22	JEF101
F	STAT 855/455	Stochastic Processes and Applications	G Takahara	12 4 F Tutorial	JEF118 JEF118
F	STAT 862/462	Computational Data Analysis	A Sadeghkhan	31	JEF155
W	STAT 871/471	Design and Analysis of Experiments	D Lin	2	JEF115
W	MATH 872/472	Control of Stochastic Systems	S Yuksel	3	JEF225
F	MATH 874/474	Information Theory	F Alajaji	11	JEF234
W	MATH 877/477	Data Compression and Source Coding	F Alajaji	52	JEF101
W	STAT 886/486	Survival Analysis	W Jiang	42	JEF102
W	MATH 923	Topics in Analysis: Stochastic Calculus & Analysis	A R Mansouri	TBA	
Core Courses					
F	MATH 844	Differentiable Manifolds	T Barthelme	44 Tu & 55 Th	JEF422
F	MATH 891	Core Course in Analysis I	J Mingo	33	JEF422
W	MATH 892	Core Course in Analysis II	R Murty	44	JEF422
F	MATH 893	Core Course in Algebra I	N Yui	54 Tu & 41 Th	JEF422
W	MATH 894	Core Course in Algebra II	M Roth	45	JEF319
W	MATH 895	Core Course in Probability Theory	F Cellarosi	51 M & 43 W	JEF422
F	MATH 896	Core Course in Mathematical Statistics	G Takahara	32	JEF422

Reading Courses					
Credit and Non-Credit Seminars ³					
FW	MATH 942	Topics in Topology and Geometry: Sheaf theory and differential geometry	A Lewis	TBA	
		Operator Algebras Seminar	J Mingo	TBA	
FW	MATH800*	BioMath Seminar	P Taylor	TBA	
FW	MATH800*	Number Theory Seminar	R Murty	Friday AM	
FW	MATH800*	The Curves Seminar	M Roth	Wed PM	
F	MATH800*	Topics in Stochastic Control	S Yuksel	TBA	

LEGEND: F = Fall term W = Winter term F/W = Fall/Winter terms

¹See [Queen's Timetables](#)

²See [Campus Map](#) for buildings and building codes (i.e. JEF=Jeffery Hall)

³Course Numbers will be assigned later if required.