

DEPARTMENT OF MATHEMATICS AND STATISTICS
TENTATIVE 2024-25 Graduate Course/Seminar Offerings



LAST UPDATED: 31 July 2024

Course times, locations and instructors can be found in SOLUS or in Graduate Student/Faculty Reference Shared Folders

Term ¹	Course	Title
	MATH 800	Seminar
W	MATH 801	Graph Theory
W	MATH 813	Intro to Algebraic Geometry
F	MATH 829	Functional Analysis
F	MATH 830	Modern Control Theory
F	MATH 833	Continuum Mechanics
F	STAT 853	Statistical Inference
F	STAT 855	Stochastic Processes and Applications
W	STAT 856	Bayesian Analysis
W	STAT 857	Statistical Learning
F	STAT 862	Computational Data Analysis
F	STAT 864	Discrete Time Series Analysis
F	STAT 873	Generalized Linear Models
W	MATH 872	Control and Stochastic Systems
F	MATH 874	Information Theory
W	MATH 877	Data Compression and Source Coding
W	STAT 886	Survival Analysis
Core Courses		
F	MATH 844	Differentiable Manifolds
F	MATH 891	Core Course in Analysis I
W	MATH 892	Core Course in Analysis II
F	MATH 893	Core Course in Algebra I
W	MATH 894	Core Course in Algebra II
W	MATH 895	Core Course in Probability Theory
F	MATH 896	Core Course in Math'I Statistics I
W	MATH 897	Core Course in Math'I Statistics II
Seminar/Reading courses		
F	MATH 901	Research Institute Course
W	MATH 901	Research Institute Course
F	TBA	Probabilistic Number Theory
F	TBA	Infinite-Dimensional Geodesics
FW		PDEs and Applications
FW		Free Probability & Random Matrices
FW		Stochastic Control and Related Fields

¹Terms: F=Fall term; W=Winter term; F/W=Fall/Winter terms

²See [Campus Map](#) for buildings

³Course Numbers will be assigned later if required