Graduate Course/Seminar Offerings

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Term</th>
<th>Title</th>
<th>Instructor</th>
<th>Time1</th>
<th>Room2</th>
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<tbody>
<tr>
<td>MATH 800</td>
<td>FW</td>
<td>Seminar</td>
<td>See seminars</td>
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<tr>
<td>MATH 801/401</td>
<td>F</td>
<td>Graph Theory</td>
<td>G SMITH</td>
<td>4</td>
<td>101</td>
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<tr>
<td>MATH 806/406</td>
<td>W</td>
<td>Introduction to Coding Theory</td>
<td>J THIND</td>
<td>1</td>
<td>115</td>
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<tr>
<td>MATH 812/497</td>
<td>F</td>
<td>Topics in Number Theory: Modular Forms</td>
<td>R MURTY</td>
<td>44</td>
<td>115</td>
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<tr>
<td>MATH 818/418</td>
<td>F</td>
<td>Number Theory and Cryptography</td>
<td>E KANI</td>
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<tr>
<td>MATH 827/427</td>
<td>W</td>
<td>Introduction to Deterministic Dynamical Systems</td>
<td>D OFFIN</td>
<td>2</td>
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<tr>
<td>MATH 830/430</td>
<td>F</td>
<td>Modern Control Theory</td>
<td>A R MANSOURI</td>
<td>11 Lab 12 M Tut 25 Th 110 BMH 326 110</td>
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<tr>
<td>MATH 836/439</td>
<td>W</td>
<td>Lagrangian Mechanics, Dynamics, and Control</td>
<td>A LEWIS</td>
<td>12 Tut 2 M 110</td>
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<tr>
<td>STAT 853/463</td>
<td>W</td>
<td>Fundamentals of Statistical Inference</td>
<td>D LIN</td>
<td>15</td>
<td>110</td>
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<tr>
<td>STAT 855/455</td>
<td>F</td>
<td>Stochastic Processes and Applications</td>
<td>S YUKSEL</td>
<td>13 Tut 3 M 115</td>
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<tr>
<td>STAT 862/462</td>
<td>F</td>
<td>Computational Data Analysis</td>
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<td>52</td>
<td>157</td>
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<tr>
<td>STAT 864/464</td>
<td>F</td>
<td>Discrete Times Series Analysis</td>
<td>A MOGHTADERI</td>
<td>11</td>
<td>115</td>
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<tr>
<td>STAT 871/471</td>
<td>W</td>
<td>Design and Analysis of Experiments</td>
<td>D LIN</td>
<td>41</td>
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<tr>
<td>MATH 872/472</td>
<td>W</td>
<td>Control of Stochastic Systems</td>
<td>S YUKSEL</td>
<td>13</td>
<td>115</td>
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<tr>
<td>MATH 874/474</td>
<td>F</td>
<td>Information Theory</td>
<td>F ALAJAJI</td>
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<tr>
<td>MATH 877/477</td>
<td>W</td>
<td>Data Compression and Source Coding</td>
<td>T LINDER</td>
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<tr>
<td>STAT 886/486</td>
<td>W</td>
<td>Survival Analysis</td>
<td>W JIANG</td>
<td>55</td>
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Core Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Term</th>
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<tbody>
<tr>
<td>MATH 844</td>
<td>F</td>
<td>Differentiable Manifolds</td>
<td>A MANSOURI</td>
<td>5-6:30 M &amp; W</td>
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<tr>
<td>MATH 891</td>
<td>F</td>
<td>Core Course in Analysis I</td>
<td>J MINGO</td>
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<td>MATH 892</td>
<td>W</td>
<td>Core Course in Analysis II</td>
<td>R MURTY</td>
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<tr>
<td>MATH 893</td>
<td>F</td>
<td>Core Course in Algebra I</td>
<td>M ROTH</td>
<td>3</td>
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<tr>
<td>MATH 894</td>
<td>W</td>
<td>Core Course in Algebra II</td>
<td>G SMITH</td>
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<tr>
<td>MATH 895</td>
<td>F</td>
<td>Core Course in Probability Theory</td>
<td>B LEVIT</td>
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<tr>
<td>MATH 896</td>
<td>W</td>
<td>Core Course in Mathematical Statistics</td>
<td>B LEVIT</td>
<td>5</td>
<td>319</td>
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Credit and Non-Credit Seminars

<table>
<thead>
<tr>
<th>Term</th>
<th>Title</th>
<th>Instructor</th>
<th>Time1</th>
<th>Room2</th>
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<tbody>
<tr>
<td>FW</td>
<td>Calabi Yau and Mirror Symmetry Seminar</td>
<td>N YUI</td>
<td>3:30-6:00 Th 222</td>
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<tr>
<td>FW</td>
<td>Curves Seminar</td>
<td>A V GERAMITA</td>
<td>3:30-5:30 W 319</td>
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<tr>
<td>FW</td>
<td>Algebraic Geometry Seminar</td>
<td>G SMITH</td>
<td>4-5:30 M 319</td>
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<tr>
<td>FW</td>
<td>Number Theory Seminar</td>
<td>R MURTY</td>
<td>11:30-12:30 F 422</td>
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<tr>
<td>MATH 838</td>
<td>F</td>
<td>Math Biology Seminar</td>
<td>T DAY</td>
<td>3-5:00 W 222</td>
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1See Queen's Timetables
2All room are in Jeffery Hall unless otherwise indicated. See building codes.
3Course numbers will be assigned later if required.