## 2016-17 WINTER TERM Graduate Course/Seminar Offerings

**Legend:**  
W = Winter term  
F/W = Fall/Winter terms

**Check back regularly for updates -** Most recent updates are highlighted in yellow.

<table>
<thead>
<tr>
<th>Term</th>
<th>Course</th>
<th>Title</th>
<th>Instructor</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>FW</td>
<td>MATH 800</td>
<td>Seminar</td>
<td>See seminars</td>
<td></td>
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<tr>
<td>W</td>
<td>MATH 813</td>
<td>Introduction to Algebraic Geometry</td>
<td>M Roth</td>
<td>3</td>
<td>JEF 115</td>
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<tr>
<td>W</td>
<td>MATH 836</td>
<td>Lagrangian Mechanics, Dynamics, Control</td>
<td>A Lewis</td>
<td>12</td>
<td>JEF 102</td>
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<tr>
<td>W</td>
<td>STAT 864</td>
<td>Discrete Time Series Analysis</td>
<td>D Thomson</td>
<td>2:30-4 Tu 10-11:30 Th</td>
<td>JEF 116</td>
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<tr>
<td>W</td>
<td>MATH 872</td>
<td>Control of Stochastic Systems</td>
<td>S Yuksel</td>
<td>11</td>
<td>STIR 412A</td>
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<tr>
<td>W</td>
<td>STAT 873</td>
<td>Generalized Linear Models</td>
<td>W Jiang</td>
<td>51</td>
<td>JEF 115</td>
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<tr>
<td>W</td>
<td>MATH 877</td>
<td>Data Compression and Source Coding</td>
<td>T Linder</td>
<td>52</td>
<td>DUN 10</td>
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<tr>
<td>W</td>
<td>STAT 886</td>
<td>Survival Analysis</td>
<td>B Chen &amp; D Tu</td>
<td>43</td>
<td>JEF 115</td>
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<tr>
<td>W</td>
<td>MATH 923</td>
<td>Topics in Analysis: Stochastic Calculus &amp; Analysis</td>
<td>A R Mansouri</td>
<td>5-6:30 W 4:30-6 Th</td>
<td>JEF 319</td>
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<tr>
<td>W</td>
<td>STAT 963</td>
<td>Topics in Statistics</td>
<td>G Takahara</td>
<td>10-11:30 W 8:30-10 F</td>
<td>JEF 422</td>
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<tr>
<td>W</td>
<td>MATH 912</td>
<td>Topics in Number Theory: Class Field Theory</td>
<td>R Murty</td>
<td>2:30-4:30 M 1:30-3:30 W</td>
<td>JEF 222</td>
</tr>
</tbody>
</table>

### Core Courses

<table>
<thead>
<tr>
<th>Term</th>
<th>Course</th>
<th>Title</th>
<th>Instructor</th>
<th>Time</th>
<th>Room</th>
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<tbody>
<tr>
<td>W</td>
<td>MATH 892</td>
<td>Core Course in Analysis II</td>
<td>R Murty</td>
<td>35</td>
<td>JEF 319</td>
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<tr>
<td>W</td>
<td>MATH 894</td>
<td>Core Course in Algebra II</td>
<td>N Yui</td>
<td>2:00-3:30 Tu 2:30-4 Th</td>
<td>JEF 115</td>
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<tr>
<td>W</td>
<td>MATH 895</td>
<td>Core Course in Probability Theory</td>
<td>F Cellarosi</td>
<td>9-10:30 M 10-11:30 Th</td>
<td>JEF 422</td>
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### Credit and Non-Credit Seminars

<table>
<thead>
<tr>
<th>Term</th>
<th>Course</th>
<th>Title</th>
<th>Instructor</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>W</td>
<td>Dynamics Seminar</td>
<td>T Barthelme  F Cellarosi</td>
<td>3:30-4:30 Tu</td>
<td>JEF 422</td>
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<tr>
<td>W</td>
<td>Free Probability and Random Matrices</td>
<td>J Mingo</td>
<td>2:30 – 3:30 Tu</td>
<td>JEF 222</td>
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<tr>
<td>W</td>
<td>Number Theory Seminar</td>
<td>V Thatte &amp; R Murty</td>
<td>10-11:00 F</td>
<td>JEF 422</td>
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<tr>
<td>W</td>
<td>Curves Seminar</td>
<td>M Roth</td>
<td>3:30-5:30 W</td>
<td>JEF 422</td>
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</tr>
<tr>
<td>W</td>
<td>Stochastic Networked Control</td>
<td>S Yuksel</td>
<td>10-11:30 F</td>
<td>JEF 319</td>
<td></td>
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1. See Queen's Timetables
2. All room are in Jeffery Hall unless otherwise indicated. See Campus Map
3. Course Numbers will be assigned later if required.