Here is a draft list of the courses for School of Math at GT, Fall 2019

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|  | UNDERGRADUATE LEVEL COURSES |
| 3012 | Applied Combinatorics |
| 3215 | Introduction to Probability and Statistics |
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| 3235 | Probability Theory |
| 3406 | A Second Course on Linear Algebra |
| 3670 | Probability and Statistics with Applications |
| 4022 | Introduction to Graph Theory |
| 4107 | Abstract Algebra I |
| 4221 | Stochastic Processes I |
| 4261 | Mathematical Statistics I |
| 4305 | Topics in Linear Algebra |
| 4317 | Analysis I |
|  |  |
| 4320 | Complex Analysis |
| 4347 | Partial Differential Equations I |
|  |  |
| 4441 | Differential Geometry |
| 4541 | Dynamics and Bifurcations I |
| 4581 | Classical Mathematical Methods in Engineering |
| 4640 | Numerical Analysis I (CS) |
|  | 1-2 special topics courses (to be determined) |
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|  | GRADUATE LEVEL COURSES |
| 6014 | Graph Theory |
|  |  |
| 6121 | Algebra I  |
| 6235 | Stochastic Processes in Finance II |
| 6241 | Probability I |
| 6263 | Testing Statistical Hypotheses |
| 6266 | Linear Statistical Models |
| 6307 | Ordinary Differential Equations I |
| 6337 | Real Analysis I |
| 6341 | Partial Differential Equations I |
| 6452 | Differential Topology |
| 6514 | Industrial Mathematics I |
| 6580 | Introduction to Hilbert Spaces |
| 6640 | Introduction to Numerical Methods for Partial Differential Equations |
| 6643 | Numerical Linear Algebra |
|  |  |
| 6701 | Math Methods of Applied Sciences I |
| 6705 | Modeling and Dynamics |
|  | The courses below may possibly run, depending on demand and capacity at GT |
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| 6644 | Iterative Methods for Systems of Eqs (CSE) 6 |
| 4318 | Analysis II |
| 6112 | Advanced Linear Algebra |
| 6759 | Stochastic Processes in Finance I |
| 6761 | Stochastic Processes I |
| 7338 | Functional Analysis |
| 3225 | Honors Probability and Statistics |
| 4431 | Introduction to Topology |
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