List of Mathematics courses

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| Mathematical Methods I | Imperial College London | Complex Analysis | Imperial College London |
| Mathematical Methods 2 | Imperial College London | Differential Equations | Imperial College London |
| Geometry & Linear Algebra | Imperial College London | Multivariable Calculus | Imperial College London |
| Algebra I | Imperial College London | Algebra II | Imperial College London |
| Foundation of Analysis | Imperial College London | Mathematical Finance: Stochastic Calculus | Imperial College London |
| Analysis I | Imperial College London | Continuous-time Finance | University of Cambridge |
| Introduction to Numerical Analysis | Imperial College London | Asset Pricing I | University of Cambridge |
| Real Analysis | Imperial College London | Asset Pricing II | University of Cambridge |

List of Statistics courses

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| Probability & Statistics I | Imperial College London | Econometrics II | University of Cambridge |
| Probability & Statistics II | Imperial College London | STAT 518: Probability | Rice University |
| Statistical Modeling | Imperial College London | STAT 519: Probability | Rice University |
| Applied Probability | Imperial College London | STAT 552: Applied Stochastic Processes | Rice University |
| Stochastic Simulation | Imperial College London | STAT 613: Statistical Machine Learning | Rice University |
| Credit Scoring I | Imperial College London | STAT 615: Intro to Linear Models & Regression Analysis | Rice University |
| Statistical Pattern Recognition | Imperial College London | STAT 623: Probability for Bioinformatics & Genetics | Rice University |
| Survival Models & Actuarial Applications | Imperial College London |  |  |
| Games, Risks and Decisions | Imperial College London |  |  |
| Econometrics I | University of Cambridge |  |  |

List of Computation courses

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| Mathematical Computation (Maple & Matlab) | Imperial College London | Databases and SQL for Data Science (Python & SQL) | Coursera |
| Scientific Computation (C++) | Imperial College London | Data Analysis with Python | Coursera |
| R for Data Science (R & SQL) | Rice University | Data Visualization with Python | Coursera |
| Python for Data Science and AI | Coursera | Machine Learning with Python | Coursera |
| **Most Statistics courses involve a heavy amount of programming in R** | | | |