

Summer School in Mathematical Economics & Financial Econometrics

Time: 2 June – 20 June 2025

School of Economics, University of Nottingham Ningbo China

9:40-10:00, Monday 2 June	Registration & Welcoming Session
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Time	Monday 2 June	Tuesday 3 June	Wednesday 4 June	Thursday 5 June	Friday 6 June
10-12	Analysis and Optimization I (SMD) TBD	Analysis and Optimization II (SMD) TBD	Analysis and Optimization III (SMD) TBD	Analysis and Optimization IV (SMD) TBD	Analysis and Optimization V (SMD) TBD
14-16	Probability Theory I (SL) TBD	Probability Theory II (SL) TBD	Probability Theory III (SL) TBD	Probability Theory IV (SL) TBD	Linear Algebra with MATLAB I (XQ) TBD

Time	Monday 9 June	Tuesday 10 June	Wednesday 11 June	Thursday 12 June	Friday 13 June
10-12	Linear Algebra with MATLAB II (XQ) TBD	Topics in Econometrics II (ZL) TBD	Topics in Econometrics III (ZL) TBD	Topics in Econometrics IV (ZL) TBD	R Programming for Economics I (LW) TBD
14-16:30	Topics in Econometrics I (ZL) TBD	Linear Algebra with MATLAB III (XQ) TBD	Linear Algebra with MATLAB IV (XQ) TBD	Linear Algebra with MATLAB V (XQ) TBD	R Programming for Economics II (LW) TBD

Time	Monday 16 June	Tuesday 17 June	Wednesday 18 June	Thursday 19 June	Friday 20 June
10-12	R Programming for Economics III (LW) TBD	Spatial Econometrics I (CW) TBD	Spatial Econometrics II (CW) TBD	Spatial Econometrics III (CW) TBD	Topics in Household Finance (XL) TBD
14-16	R Programming for Economics IV (LW) TBD	Contemporary Topics in Finance I (XZ) TBD	Contemporary Topics in Finance II (XZ) TBD	Examination TBD	Consultation and closing ceremony TBD

(The programme is subject to change.)

Prerequisites: (1) Basic knowledge of calculus and linear algebra (e.g., Knut Sydsæter, Peter Hammond, Arne Strøm and Andrés Carvajal (2016), *Essential Mathematics for Economic Analysis*, Pearson Education); (2) Basic knowledge of introductory level of econometrics/statistics.

Teaching staffs:

Professor Shravan Luckraz (SL), School of Economics, UNNC

Assoc Prof. Zhenjiang Lin (ZL), School of Economics, UNNC

Assoc Prof. Stuart McDonald (SMD), School of Economics, UNNC

Assoc Prof. Long Wen (LW), School of Economics, UNNC

Dr Xuyan Lou (XL), School of Economics, UNNC

Dr Xuewen Qian (XQ), School of Economics, UNNC

Dr Xiaoyu Zhang (XZ), School of Economics, UNNC

Dr Chunfei Weng (CW), School of Economics, UNNC