

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	DB-C04	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) DB-C04	Analysis and Optimization II (SMD) DB-C04	Analysis and Optimization III (SMD) DB-C04	Analysis and Optimization IV (SMD) DB-C04	Analysis and Optimization V (SMD) DB-C04
14-16:30	Linear Algebra with MATLAB III (XQ) DB-C04	Linear Algebra with MATLAB III (XQ) DB-C04	Linear Algebra with MATLAB III (XQ) (15:00-17:30) DB-C04	Linear Algebra with MATLAB III (XQ) DB-C04	Linear Algebra with MATLAB I (XQ) DB-C04

Time	Monday 9 June	Tuesday 10 June	Wednesday 11 June	Thursday 12 June	Friday 13 June
10-12	Topics in Econometrics I (ZL) DB-C04	Topics in Econometrics II (ZL) DB-C04	Topics in Econometrics III (ZL) DB-C04	Topics in Econometrics IV (ZL) DB-C04	R Programming for Economics I (LW) DB-C04
14-17:00	Probability Theory I (SL) DB-C04	Probability Theory I (SL) DB-C04	Probability Theory I (CQ) DB-C04	Probability Theory I (CQ) DB-C04	R Programming for Economics II (LW) DB-C04

Time	Monday 16 June	Tuesday 17 June	Wednesday 18 June	Thursday 19 June	Friday 20 June
10-12	R Programming for Economics III (LW) DB-C04	Spatial Econometrics I (CW) DB-C04	Spatial Econometrics II (CW) DB-C04	Spatial Econometrics III (CW) DB-C04	Topics in Household Finance (XL) DB-C04
14-16	R Programming for Economics IV (LW) DB-C04	Contemporary Topics in Finance I (XZ) DB-C04	Contemporary Topics in Finance II (XZ) DB-C04	Examination DB-C04	Consultation and closing ceremony DB-C04

(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 Chen Qu (CQ), 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