



OXFORD ECONOMICS SEPTEMBER SUMMER SCHOOL

ADVANCED ECONOMIC
THEORY, ANALYSIS, AND
APPLICATION AT OXFORD.

8 - 12
SEPTEMBER

ONLINE &
IN-PERSON

Department of Economics,
University of Oxford,
Manor Road Building,
Manor Road,
Oxford, OX1 3UQ
[summerschools@
economics.ox.ac.uk](mailto:summerschools@economics.ox.ac.uk)

SEPTEMBER SUMMER SCHOOL

The September Summer School offers a flexible experience, enabling you to tailor your learning to your goals. The program is structured with morning and afternoon sessions, giving you the choice to focus on one of three specialised tracks: Applied Microeconomics, Macroeconomics, or Econometrics.

You can explore topics that match your interests and aspirations, whether you want to strengthen your quantitative skills, dive into economic theory, or enhance your expertise in data analysis.

Interactive workshops and hands-on tutorial sessions accompany every lecture, helping you apply your knowledge to practical economic problems and real-world scenarios.

Develop your analytical expertise, broaden your professional network, and gain valuable insights to support your future in economics.

KEY LEARNING OUTCOMES:

ABOUT US | OXFORD ECONOMICS SUMMER SCHOOLS

At the University of Oxford's Department of Economics, our summer schools provide an exceptional opportunity for students and professionals to gain foundational and advanced economics knowledge in a world-leading academic setting.

Dive deep into advanced economic theory and quantitative analysis at Oxford's September Summer School, designed for postgraduate students, researchers, and professionals in economics. This intensive programme covers rigorous modules in microeconomics, macroeconomics, and econometrics, equipping you with analytical tools and insights that are essential for research or high-level roles in academia, policy, or industry.



- 1 Deepen Expertise in Economics:**
Engage with advanced theories and methods in Applied Microeconomics, Macroeconomics, or Econometrics, providing you with a specialised foundation for research or practice.
- 2 Enhance Quantitative & Analytical Skills:**
Master state-of-the-art econometric and mathematical techniques, equipping you to handle sophisticated quantitative challenges in modern economic analysis.
- 3 Advance Research & Critical Thinking:**
Apply economic theories to real-world issues through rigorous analysis and problem-solving sessions, empowering you to approach cutting-edge research topics with confidence.

PROGRAMME STRUCTURE

The September Summer School offers a flexible, immersive structure, allowing participants to customise their learning journey through specialised pathways. Each day is divided into morning and afternoon sessions, with options across three focused tracks: Applied Microeconomics, Macroeconomics, and Econometrics.

This setup allows you to dive deeply into specific areas, selecting courses that align with your academic and career goals—whether you’re building quantitative skills, exploring economic theory, or advancing in data analysis techniques.

Hands-on tutorial sessions and interactive workshops complement each lecture, giving you the opportunity to apply your learning to practical economic challenges and real-world scenarios.



MORNING COURSES

Lecture:
9:00 - 11:00

Tutorial:
11:30 - 12:30

MONETARY ECONOMICS

Professors:
Michael McMahon &
Federica Romei



BEHAVIOURAL MACROECONOMICS

Professor:
Alexandre Kohlhas



TREATMENT EFFECTS: BEYOND THE BASICS

Professor:
Romuald Meango



PRODUCTION FUNCTIONS & PRICE-COST MARKUPS

Professor:
Steve Bond



AFTERNOON COURSES

Lecture:
14:00 - 16:00

Tutorial:
16:30 - 17:30

INTERNATIONAL FINANCE

Professors:
Andrea Ferrero &
Sergio De Ferra



SOLUTION METHODS FOR MACROECONOMIC MODELS

Professor:
Petr Sedlacek



MACHINE LEARNING

Professor:
Maximilian Kasy



ECONOMICS OF THE DIGITAL ECONOMY

Professors:
Alexei Parakhonyak &
Greg Taylor



SCALE OF COMPLEXITY:

- 1 = No background in economics needed
- 2 = Basic undergraduate-level economics
- 3 = Advanced undergraduate economics
- 4 = Master’s in economics or equivalent
- 5 = PhD-level economics

MORNING COURSES

MONETARY ECONOMICS

Gain a solid foundation in the critical concepts of monetary policy and central banking, essential for understanding modern economic dynamics.

Key topics include:

- The Monetary Transmission Mechanism
- The New Keynesian Model
- Financial Frictions
- Central Bank Design
- Central Bank Communication

Who is this Course For?

Ideal for PhD and MPhil economics students, as well as professionals in central banks and international institutions engaged in research. Perfect for those aiming to understand the broader impacts of policy decisions on economic stability, this course equips participants with essential tools for analysing and contributing to monetary policy research and implementation.



BEHAVIOURAL MACROECONOMICS

Explore how beliefs about the future shape macroeconomic outcomes. This short course introduces key methodological tools in behavioural macroeconomics, alongside a survey of influential questions and insights in the modern field.



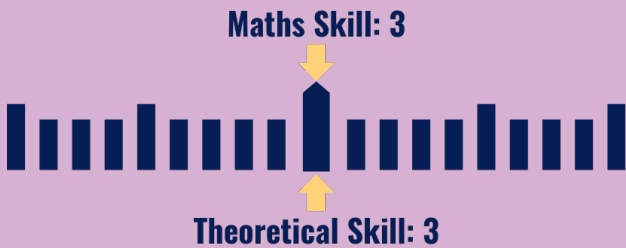
Key topics include:

- Empirical evidence on expectations
- Data-consistent models of expectation formation
- Macroeconomic impacts of expectation models
- The data economy's rise and its macroeconomic implications

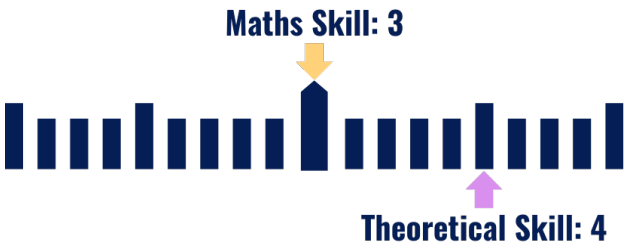
Who is this Course For?

Ideal for those seeking to understand and apply models of expectation formation, this course is particularly relevant for researchers who want to explore the macroeconomic impacts of belief-driven behaviours, policy responses to financial shocks, and the modelling of heterogeneous agents.

SCALE OF COMPLEXITY:



SCALE OF COMPLEXITY:



A stylized logo consisting of two interlocking 'S' shapes.

Informative and inspiring lectures. The summer school provides a good opportunity to interact with people from diverse backgrounds and even find a potential co-author.

- Roujing, 2023 Participant

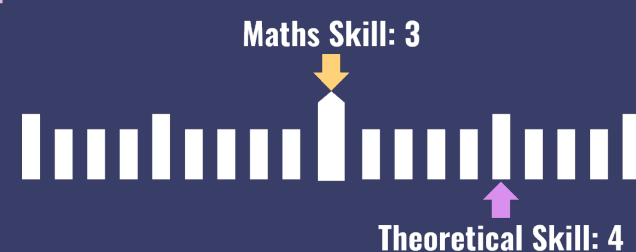
MORNING COURSES

TREATMENT EFFECTS: BEYOND THE BASICS

ECONOMETRIC
PATHWAY



SCALE OF COMPLEXITY:



Take your understanding of causal inference further with this advanced short course, blending theory with real-world applications to tackle critical issues often overlooked in introductory studies.

Key topics include:

- Spillovers
- Policy-relevant treatment effects
- Studies combining structural and reduced forms

Who is this Course For?

It is ideal for those looking to deepen their expertise in causal inference, policy impact assessment, and empirical methods that allow for more nuanced and accurate evaluations of intervention outcomes. With a focus on practical applications alongside theory, this course is well-suited for researchers eager to apply rigorous treatment effect methodologies to real-world economic questions and policy challenges.

PRODUCTION FUNCTIONS & PRICE-COST MARKUPS

APPLIED
MICROECONOMIC
PATHWAY

This course dives into two central topics in evaluating firm productivity and market power: estimating production functions and price-cost markups. Recent advancements in these areas are explored, with a focus on using widely available micro datasets from firm accounts and production surveys. Applied exercises complement theoretical insights, illustrating methods in empirical research.

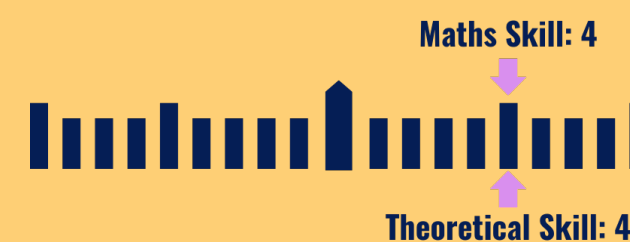
Key topics include:

- Estimation of production functions
- Approaches to TFP
- Estimation of price-cost markups using revenue data

Who is this Course For?

Ideal for graduate economics students and research professionals with a background in econometrics, especially those familiar with panel data and GMM methods.

SCALE OF COMPLEXITY:



MORNING TUTORS:

All tutors are world-renowned professors from Oxford's Department of Economics.

ROMUALD MEANGO

TREATMENT EFFECTS



MICHAEL MCMAHON

MONETARY ECONOMICS



ALEXANDRE KOHLAS

BEHAVIOURAL MACROECONOMICS



FEDERICA ROMEI

MONETARY ECONOMICS



STEVE BOND

PRODUCTION FUNCTIONS & MARKUPS



AFTERNOON COURSES

INTERNATIONAL FINANCE



This course offers an in-depth look at the challenges policymakers face in responding to international financial shocks, with a focus on the dilemma vs. trilemma debate. Topics include models for shock transmission, Euro Area debt and imbalances, and the effects of capital flows on inequality.

Key topics include:

- Dilemma vs. Trilemma evidence
- International financial shock transmission models
- Policy responses to financial shocks
- Business cycles in advanced and emerging economies

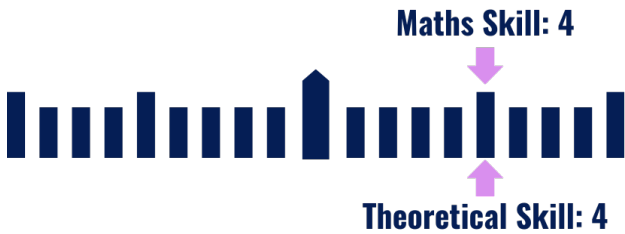
- Sovereign default models (including model coding)
- Sudden stops, exchange rates, and heterogeneous agents
- Capital flows and inequality

Who is this Course For?

It's well-suited for participants interested in the complexities of financial shock transmission, the dilemma vs. trilemma debate, and the effects of capital flows on inequality and economic cycles.



SCALE OF COMPLEXITY:



SOLUTION METHODS FOR MACROECONOMIC MODELS



This course provides essential skills for solving modern macroeconomic models, with a focus on those featuring agent heterogeneity. Participants will gain both theoretical insights and practical experience with linearisation, non-linear methods, and approaches to heterogeneous agent models with and without aggregate uncertainty.

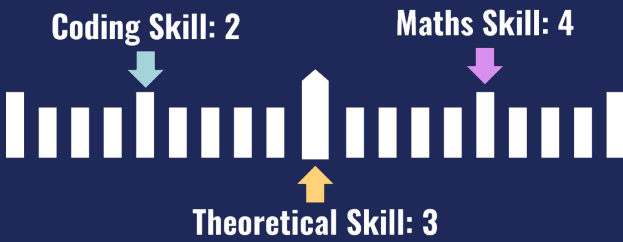
Key topics include:

- Linearisation, perturbation, and Dynare
- Non-linear solution methods: projection and value function iteration
- Heterogeneous agent models: with and without aggregate uncertainty

Who is this Course For?

This course is ideal for PhD and MPhil students in Economics, as well as research professionals interested in advanced model-solving techniques. It is particularly suited for those who wish to work with complex macroeconomic models involving agent heterogeneity.

SCALE OF COMPLEXITY:



The summer school was one of the most insightful experiences I've ever had. I believe it will play a fundamental role in kick-starting my research career!
 - Alessandra, 2024 Participant

AFTERNOON COURSES

MACHINE LEARNING

ECONOMETRIC
PATHWAY



This course offers a concise yet rigorous introduction to the theoretical foundations of machine learning, equipping you to critically evaluate and apply Machine Learning methods in economic research.

Key topics include:

- Critical evaluation of machine learning research for economic applications
- Integrating machine learning concepts into economic and econometric theory
- Engaging with ML literature and contributing economic perspectives

Who is this Course For?

This course is tailored for economists and researchers looking to incorporate machine learning into their economic analyses. It's ideal for those interested in critically applying advanced ML techniques to enhance economic research, developing a cross-disciplinary research agenda, and engaging with ML concepts to address complex economic questions.

ECONOMICS OF DIGITAL ECONOMY

APPLIED
MICROECONOMIC
PATHWAY

This course explores the economic forces driving the rise of the digital economy and the unique challenges it poses for policy and regulation. We'll examine how online platforms leverage network effects, consumer data, and strategic pricing to dominate markets—and the implications for competition and consumer privacy.

Key topics include:

- Network effects and platform dynamics
- Business models of digital platforms

SCALE OF COMPLEXITY:



- Economics of search engines and algorithms
- Competition policy in the digital age
- Data usage and privacy concerns

Who is this Course For?

Ideal for professionals and researchers interested in the economics of digital platforms, consumer data dynamics, and regulatory challenges. Perfect for those looking to understand the strategies and impacts of the world's largest online platforms.

AFTERNOON TUTORS:

ANDREA FERRERO
INTERNATIONAL FINANCE



MAXIMILIAN KASY
MACHINE LEARNING



SERGIO DE FERRA
INTERNATIONAL FINANCE



ALEXEI PARAKHONYAK
ECONOMICS OF DIGITAL ECONOMY



PETR SEDLACEK
MACROECONOMIC MODELS



GREG TAYLOR
ECONOMICS OF DIGITAL ECONOMY



EXTRA-CURRICULAR & NETWORKING OPPORTUNITIES

The September Summer School in Economics offers more than just academic learning—it's a chance to connect with leading academics and a dynamic community of aspiring economists from around the world. Participants gain unique access to Oxford's academic environment through:

1 Academic Networking & Collaboration:

Connect with peers from universities, research institutions, and industry, with plenty of informal opportunities to engage with Oxford faculty. Exchange ideas, discuss research interests, and explore potential collaborations.

3 Welcome Reception & College Formal Dinner:

Enjoy a formal dinner at one of Oxford's historic colleges and a welcome reception, perfect for connecting with peers, faculty, and industry professionals in a memorable setting.

2 Lectures by Leading Economists:

Hear from distinguished economists who share their expertise on cutting-edge research, real-world economic challenges, and diverse career trajectories in economics.

4 Experiencing Oxford:

Experience Oxford's historic charm and vibrant culture through college tours, scenic walks, and traditional punting on the river—perfect for immersing yourself in the city's rich academic heritage and connecting with fellow participants.



FEES & WHAT'S INCLUDED

- **Professionals: £2,975**
- **Students and Academics: £1,955**

Your fee includes enrolment in two academic pathways. A formal dinner and welcome reception at an Oxford College. Daily lunch and refreshments. A certificate of completion.

Want to attend just one course? Email us at summerschools@economics.ox.ac.uk to explore your options!

HOW TO APPLY

1. Visit ouess.web.ox.ac.uk/apply to apply.
2. Complete the application form and choose your preferred morning and afternoon courses.
3. Submit the application deposit to secure your spot – spaces are limited, so apply early!

After You Apply:

- Once your application and deposit are submitted, you'll get a link to pay the course fees.
- After payment is confirmed, your place will be finalised, and we'll provide all the details you need to prepare.
- If you choose to book accommodation, a secure link to pay the accommodation fee will be sent after your place is confirmed.



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