

Master of Applied Economics and Econometrics

Thursday 22 October 3:00 – 4:00pm AEST

PLEASE NOTE: We will commence shortly. Before starting our session, we will ask you to use the '*Raise your hand*' icon, located in your control panel, to make sure you can hear us.

During the session, please use the Q&A function to ask any questions you might have.



SPEAKERS

Dr. Mita Bhattacharya

Course Director of Masters Programs, Department of Economics

Professor Param Silvapulle

Course Director, Master of Applied Econometrics

OUR RANKINGS

TOP 100 BUSINESS SCHOOLS WORLDWIDE*

MONASH UNIVERSITY
IS ONE OF THE
TOP 55
Universities in the World
(QS World University
Rankings 2021)

AMONG
1% OF BUSINESS SCHOOLS
WORLDWIDE TO HAVE ACHIEVED
TRIPLE ACCREDITATION

 AACSB
ACCREDITED  EQUIS
ACCREDITED  AMBA
ACCREDITED

The ERA, Australia's National Research Framework ranks these research areas at Monash as being well above world standard (5 stars) and above world standard (4 stars)

★★★★★
ECONOMICS
ECONOMETRICS
MARKETING

★★★★★
BUSINESS MANAGEMENT
COMMERCE
ACCOUNTING
BANKING AND FINANCE



*Times Higher Education World University Rankings 2021

MASTER OF APPLIED ECONOMICS AND ECONOMETRICS

Develop expertise



Choice of three specialisations

- Applied Econometrics
- Applied Economics and Econometrics
- Economics



1, 1.5 or 2 years (full time or part time) depending on prior qualifications and experience

Pathway and exit options

Entry requirements: an Australian bachelor's degree or equivalent with 65 WAM



Independent research will give you a strong theoretical base to complement the more practical side of your studies



WHY STUDY THE MASTER OF ECONOMICS?

- **Flexible learning** environment with contemporary units from Economics, Econometrics and other related areas
- **High quality teaching** staff bring their knowledge in your class room
- Four different streams - **Development Economics, Policy Economics, Business Economics and General Economics**. Also, we have a combine stream viz. Applied Economics and Econometrics with econometrics department
- Opportunity to undertake **independent research**

PROGRAM STRUCTURE

Part A: Advanced Preparatory Studies (4 units, each 6 points)

Part B: Mastery Knowledge (8 units, each 6 points)

Part C: Application Studies (4 units, each 6 point)

Recognition of prior learning allows you to complete the degree with less time.

For further information check

<https://handbook.monash.edu/2021/courses/B6001>

SELECTIVE UNITS

- Applied microeconomics
- Field experiments for social and public policy
- Industry economics
- Labor economics
- Political economy - Institutions, order, and evidence
- Project evaluation
- Game theory and business strategy
- Poverty, inequality and opportunity
- Economics of environment and sustainability
- *Economics of developing countries*
- *Applied economics research project*

Energy, Emissions & a Green COVID-19 Recovery Plan for Australia

ECF5040 – Industry Economics

WHO IS THIS FOR?

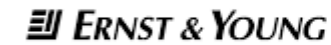
- Public sector
- Private consulting firm
- Financial institution
- Pathway for your higher study



Australian Government
Productivity Commission



Deloitte.





<https://youtu.be/rZ8Qx5ETHJw>

DEPARTMENT OF ECONOMICS

<https://www.monash.edu/business/economics>

Your contact person:

Dr Mita Bhattacharya

Email: Mita.Bhattacharya@monash.edu

H4.52, Caulfield.



MONASH
University

MONASH
BUSINESS
SCHOOL

Master of Applied Econometrics

PROFESSOR PARAM SILVAPULLE

Other topics covered:

- Master of Applied Economics & Econometrics
- PhD and QTEM pathways
- Quantitative skills for Master of Business & Master of Banking & Finance students



WHY STUDY THE MASTER OF APPLIED ECONOMETRICS?

- To build **quantitative** and **research skills** and apply these skills to **real world problems**
- In the data-rich world, as a specialist/consultant in a business/public sector, you will use these skills to solve problems in:
 - i. **Economics**
 - ii. **Finance**
 - iii. **Risk management**

CRICOS: 087954G Course Code: B6001, CRICOS: 082326K Course Code: B6014, CRICOS: 0100564 Course Code: B6022



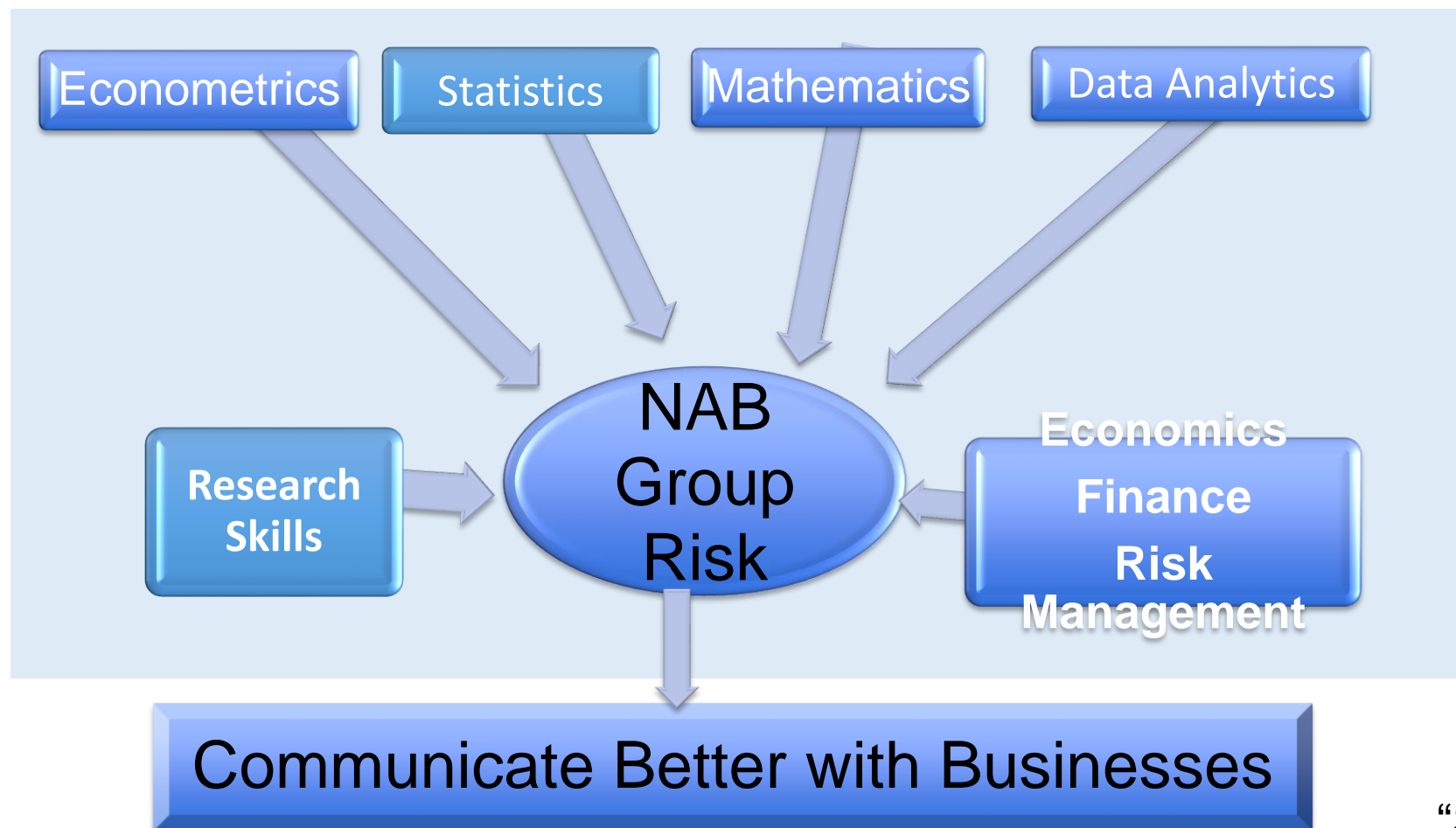
WHY MONASH?

- In Australia, **Monash is the only university** that has the Department of Econometrics and Business Statistics
- One of the best and the largest department in the world
- **Breadth & depth of our research & teaching**
- **Cutting edge applied research areas:**
 - Empirical economics; Empirical finance; Risk analysis;
 - Forecasting economic growth and COVID;
 - Health Economics;
 - Income inequality;
 - Energy; and Climate Change



ALUMNI

DR SHOWEN HU, Associate Director, National Australia Bank Group Risk



"Econometrics at Monash is a leading department, recognised internationally. Everything I learned in the MAE really prepared me for the challenges I am facing in the commercial world."

"Shortage of people with this skill"

ALUMNI

WINSTON WANG, DELOITTE BRISBANE

- “I chose MAE to develop **in-depth quantitative skills**
- The **coursework** and **research project** helped improve my analytical, presentation and communication skills
- My first job was in PwC in China. Although there were students from top US universities competing for this job, I was still **very confident in the interview.**
- The skills I gained especially from **the research project** gave me the advantage.”



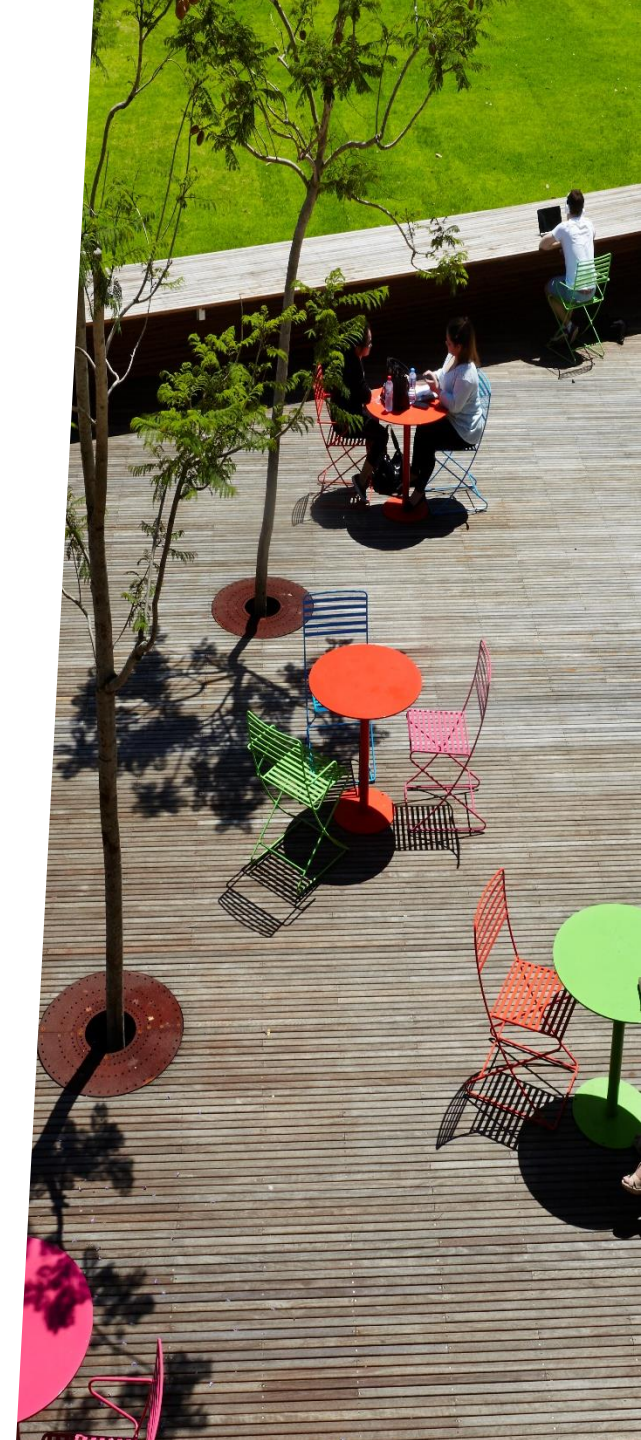
MASTER OF APPLIED ECONOMETRICS

The course structure:

- 50% of the units are from Econometrics & the other 50% Economics
- Research project (Applied Economics)

Employment prospect

- High as you develop econometrics/data analytics skills and knowledge in Economics
- **You will be able to provide data-driven solution to economic and social problems:**
 1. Recession & inequality
 2. Food security
 3. Crime and violence
 4. Homelessness
 5. Sustainability & Education
- **Demand for employment in such areas is expected to increase in the near future.**



TWO PATHWAYS ON OFFER

1. PhD pathway

Master of Applied Econometrics and Master of Economics offer a PhD pathway

- Students interested in the PhD program should follow a separate course-map. Course directors can help you
- Discuss with directors the conditions for getting a scholarship
- PhD graduates in Econometrics were able to jump right into advanced careers or university academic positions

TWO PATHWAYS ON OFFER (cont.)

2. QTEM pathway - Quantitative techniques for Economics and Management

- In Australia, only Monash is in the international QTEM network

The QTEM program offers a unique opportunity to students who are highly skilled in quantitative and analytical techniques and comfortable in international settings to become future decision makers.

- One semester study-abroad at a university (QTEM), followed by 6-weeks of internship and participation in the Data Challenge



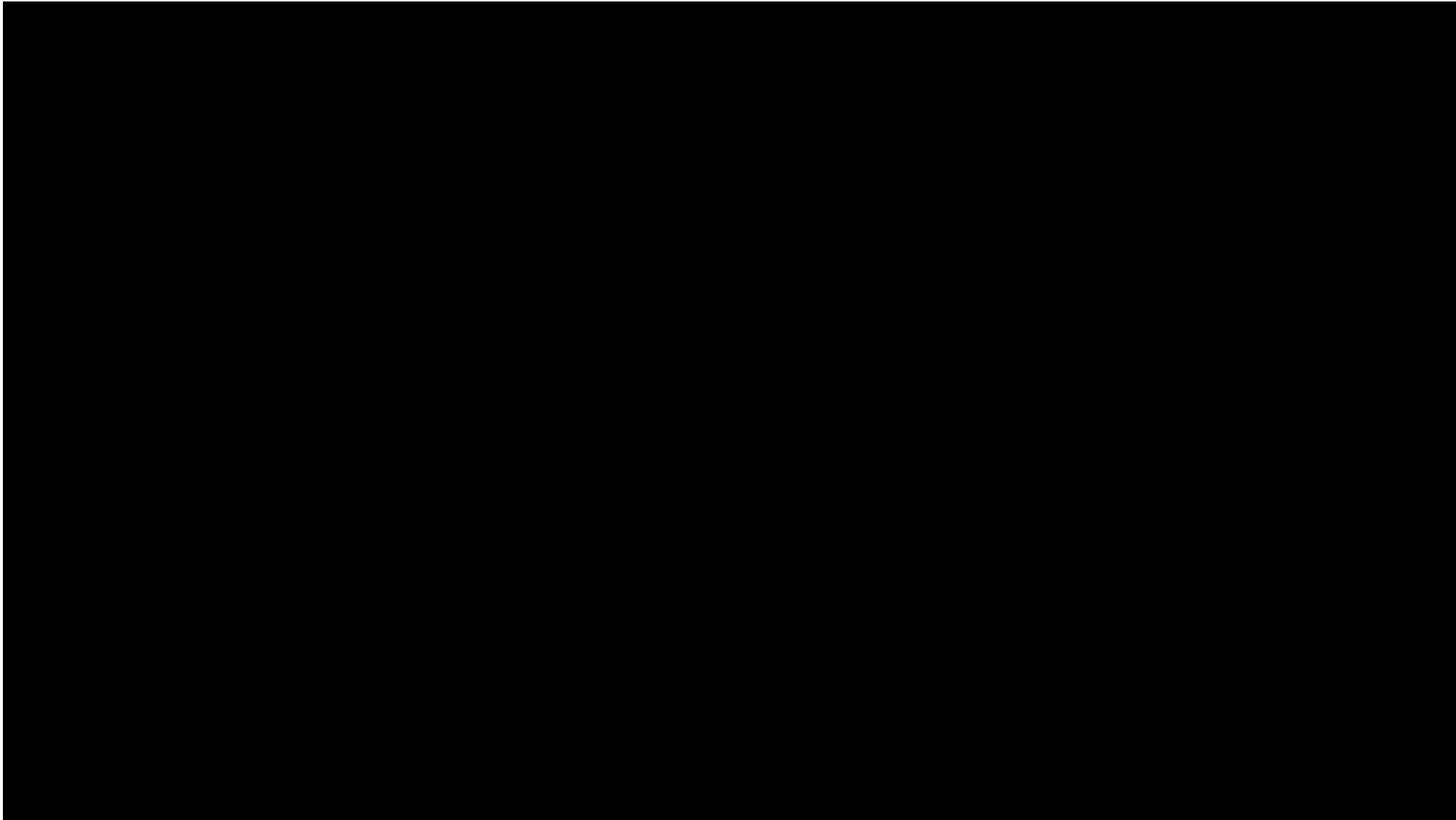
MASTER OF BUSINESS

MASTER OF BANKING AND FINANCE

- Students enrolled in these masters can build quantitative skills in:
 1. Econometrics
 2. Data analytics
- Students can choose up to four quantitative units* from a list provided by the department
- **A quantitative skill-set is highly-valued & in great demand by employers**

* If you opt to select units to tailor your study instead of a specialisation in Master of Business




CRICOS: 079669B Course Code: B6005; CRICOS: 079580M Course Code: B6004



QUESTIONS

Thank you

Book a one-on-one session
www.monash.edu/business/events

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