

BSc Financial Mathematics BSc Economics & Mathematics

Welcome to your programme
2022-2023



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Research:

financial mathematics, mathematical economics, optimisation, probability,
machine learning

Interrupt if you have questions

BSc Financial Mathematics

BSc Economics & Mathematics

- Overview of programmes
- What makes a successful student
- Support and important information



BSc Financial Mathematics

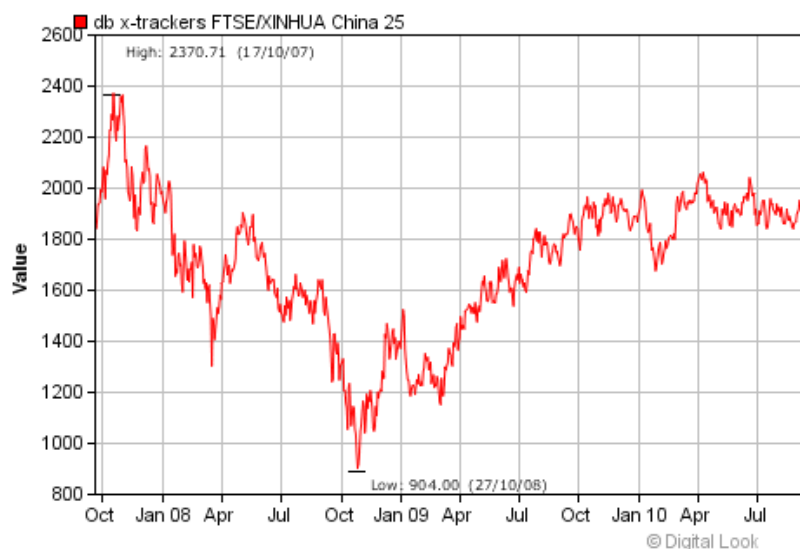
BSc Economics & Mathematics

- **Overview of programmes**
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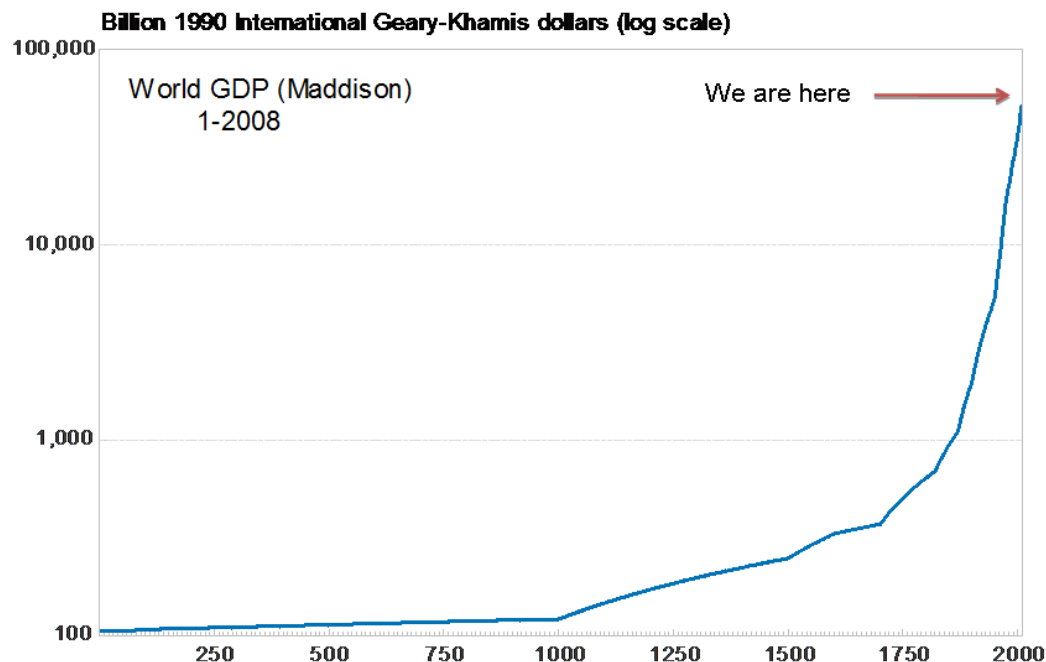
- **Understanding the financial side** of the world:

- financial markets and products
- estimation and management of risk
- interaction between firms and finance
- numerical methods and programming



- **Understanding the economic side** of the world:
 - **Theories**: micro/macro-economics, labour and industrial economics
 - **Tools for practical analysis**: statistics/numerical methods

Chart 1: Economic prosperity is a relatively new phenomenon



The biggest challenge!



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Two worlds:

Natural science

&

Social science

and **you** will have to become an expert
in both!



- To prepare you for a **career** in the **private and public** sector / academia (MSc)
- To provide you with a solid **mathematical background** and knowledge in **finance / economics**
- To offer **support** and **encouragement** to succeed in **your studies**
- To give you the best by **joining the expertise** of the School of Mathematics (MATH) and Leeds University Business School (LUBS)



BSc Financial Mathematics (single honours programme)

MATH (66%), LUBS (34%)

BSc Economics and Mathematics (joint honours programme)

roughly MATH (50%), LUBS (50%) in years 2-3

but

a lot of flexibility

BSc Financial Mathematics

Focus: statistics, financial maths, finance, accounting

BSc Economics & Mathematics

Focus: economics, statistics, finance and maths

Programme Catalogue: online

Tracks: Year in Industry, Year Abroad (do not worry about them now)

Options (optional modules) need to be chosen in May/June (the earlier, the better) ...pathways/streams...

Important: modules you choose in Year 2 determine what you can study in Year 3.

Where, how, what?



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Minerva organisation mathematics

- Induction programme: Welcome week Sept 2022
- Who to talk to?
- Your programme
- Student voice

Programme Catalogue

- What to expect next on your programme
- Planning ahead

University can be a challenge



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Away from home ...

... in a different **country**, **culture**
and **language**.

Classmates with different backgrounds ...

... the need for **self-studies** ...

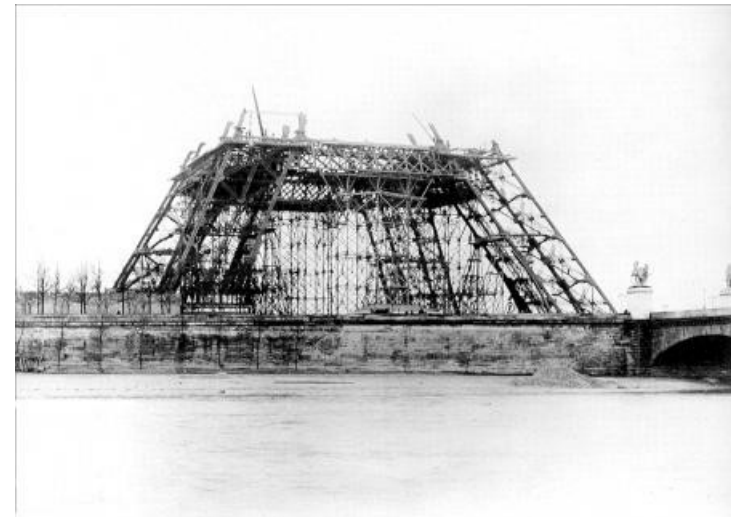


Some things will be easy, some will be difficult

=> end of year 1: same background

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What makes a successful student?



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Golden Rules

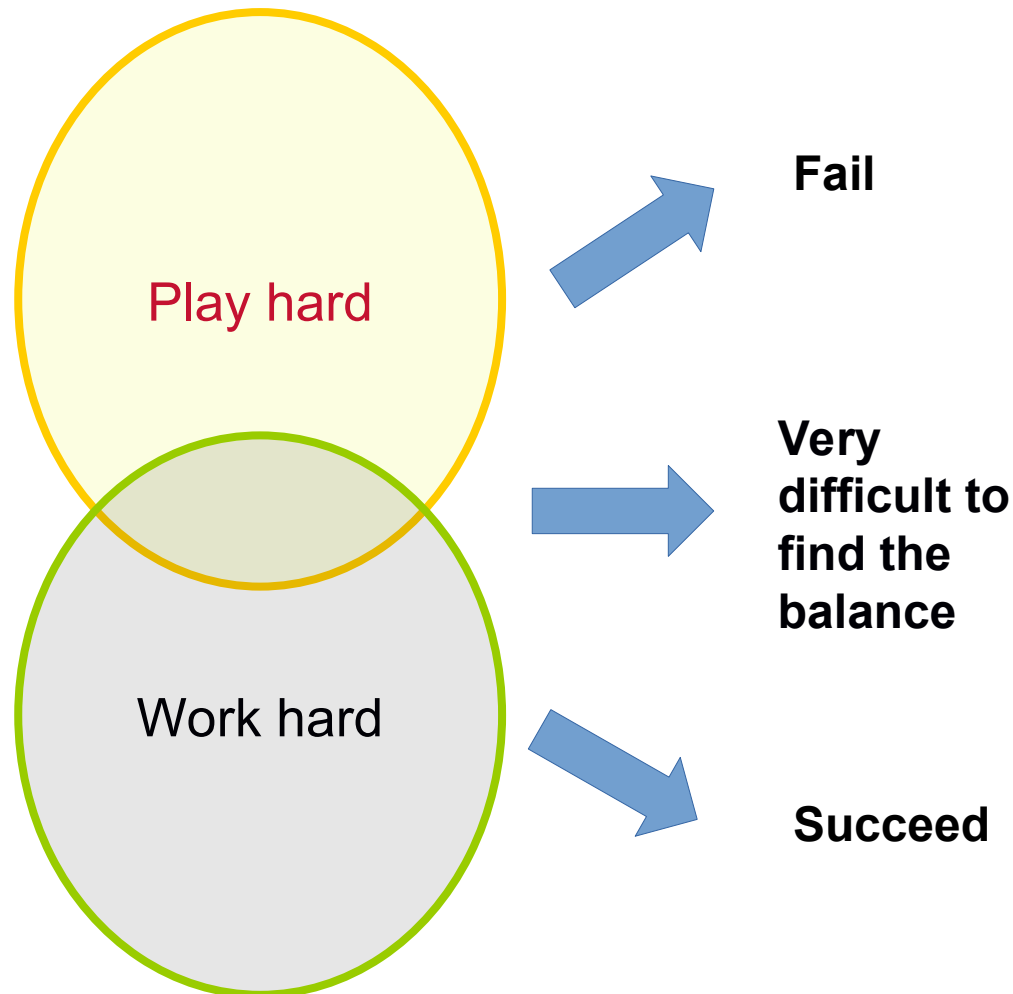
- Focus on your studies
- **Attend all lectures and tutorials**
- Try your best **to do all exercises**
- Talk to other students
- Work in study groups
- Don't party too much!
- Don't cheat!



'Work hard, play hard' myth



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Second challenge: Time table



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You have a **personal time table**

You will need to check your timetable

- it is personal and *can change from week to week*

You live in **2 worlds**: Maths and LUBS

- 'Rules' may differ
- Teaching arrangements are different!
- Expectations are different

Where to get help



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Help is available to **all who need it**.

If there are any **issues/problems**, **talk to:**



- *Who to talk to?* - on Minerva → Organisation Mathematics
- PAL's (designated year 2&3 students)
- Personal Tutor (designated member of staff)
- Lecturers (on modules)
- Programme Director (me)
- Director of Student Education in Maths (Dr Phil Walker)
- Economics Joint Honours Tutors in LUBS (Dr Jose Lima Velazquez)
- Student Support Network; International Student Office; etc.



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... and good luck, Jan.



Questions?