BSC FINANCIAL MATHEMATICS

PROGRAMME MEETINGS FOR Y1 AND Y2 STUDENTS

Get in touch!

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OUTLINE

- **Exams and PFP**
- **Enrollment/Timetable clashes**
- **Module Choices**
- **Year in Industry & Year Abroad**

EXAMS AND PFP (FOR REREFERENCE)

- **PFP (Pass for Progression)**
- **Undergraduate resources: Minerva, Organisation Mathematics**
- **Exams: see *Exams and Assessment***

MODULE ENROLMENT

- **Catalogue for 2020/21 will be released on July 1st**
- **You might struggle to enrol on optional LUBS modules, so be quick!**
- **Not all module combinations possible - timetable clashes might occur. Your responsibility is to avoid them.**
  - **Attendance of all teaching sessions for all modules is compulsory.**
  - **Timetable clash is not a mitigating circumstance.**
- **Think what you find interesting and what will help you with your career.**

MODULE CHOICES

- **Consistent choice of modules:**
  - To push you into a successful career in finance, insurance and related fields
  - To employ you with the skills needed to outperform other candidates
  - To make the most of your time at the University of Leeds
- **Consult your personal tutor if in any doubt.**
- **A sample lecture from most of MATHs modules is available on Minerva under *Modules/Sample lecture recordings***

RECOMMENDATIONS

- **Recommended (not compulsory) pools of modules**
- **This is advice**
- **Will make you a specialist in:**
  - **Statistical methods in finance and beyond, or**
  - **Numerical methods in finance and beyond**

Statistics

- Quantitative analysis
- Risk management (data analysis)
- Market research
- Customer research/marketing

Numerics

- Quantitative design
- Risk management (computations)
- High-end modelling
- Design/pricing of financial/actuarial instruments

RECOMMENDATIONS: STATISTICS

MATH2080 Further Linear Algebra

MATH2740 Environmental Statistics

MATH2775 Survival Analysis

MATH2920 Computational Mathematics

MATH3714 Linear Regression and Robustness

MATH3723 Statistical Theory

MATH3772 Multivariate Analysis

MATH3823 Generalised Linear Models

RECOMMENDATIONS: NUMERICS

MATH2017 Real Analysis

MATH2080 Further Linear Algebra

MATH2365 Vector Calculus

MATH2375 Linear Differential Equations and Transforms

MATH2600 Numerical Analysis

MATH2601 Numerical Analysis with Computation

MATH2920 Computational Mathematics

MATH3414 Analytic Solutions of Partial Differential Equations

MATH3474 Numerical Methods

MATH3475 Modern Numerical Methods

YEAR IN INDUSTRY & YEAR ABROAD

Year In Industry:

- **Students going to Y2: think about it. It increases your employability incredibly!**
- **Students going to Y3: Probably too late but not impossible.**
- **YII coordinator matindp@leeds.ac.uk**

Year Abroad:

- **Spend your third year in another country**
- **Language and cultural benefits; employability**
- **YA coordinator Maths-Study-Abroad@leeds.ac.uk**

MATH3001 – PROJECT IN MATHEMATICS

- **Final year project (compulsory)**
- **20 credits!**
- **Presentations/report/research**
- **A long project – starts at the beginning of term 1 and lasts until March**
- **Attention! Preferences must usually be submitted before the start of semester 1.**

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Question time

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