Mathematical Sciences BSc (Hons) (Foundation, 4 year route with Carmel College) BSc (Hons)

COURSE DETAILS
- UCAS code: G108
- Study mode: Full-time
- Length: 4 years

KEY DATES
- Apply by: 25 January 2023
- Starts: 25 September 2023

Course overview
This is a four year programme with the first year being a foundation year taken at Carmel College. After completion of the first year you can then progress on to your chosen programme within the Department of Mathematical Sciences.

INTRODUCTION
A degree in Mathematical Sciences from the University of Liverpool is a highly regarded qualification that will open many doors. From core maths to theoretical physics, financial maths to biostatistics, you can choose quality programmes and options that match your ambitions.

This programme provides a four-year route to a number of BSc (Hons) degree programmes offered in the Department of Mathematical Sciences. For the first year you will be based at Carmel College, St Helens.

Students follow the Foundation Year (at Carmel College) and then can opt to follow one of a wide range of mathematical sciences programmes offered. Carmel College, St Helens, about nine miles from the university campus, offers small class sizes and high standards of academic achievement.

WHAT YOU’LL LEARN
- A strong foundation to progress on to your chosen BSc programme
- How to present and communicate clearly
- Teamwork
Problem solving

**ROUTES**

- Mathematics BSc (Hons)
- Mathematics and Computer Science BSc (Hons)
- Mathematics and Economics BSc (Hons)
- Mathematics and Philosophy BA (Hons)
- Mathematics and Statistics BSc (Hons)
- Mathematics with Finance BSc (Hons)
- Mathematics with Languages BSc (Hons)
- Mathematics with Ocean and Climate Sciences BSc (Hons)
- Physics and Mathematics BSc (Hons)
Course content
Discover what you'll learn, what you'll study, and how you'll be taught and assessed.

YEAR ZERO
The first year you will be based at Carmel College. At the College you will follow three foundation modules chosen from Mathematics, Chemistry, Physics, Biology or Geography. Your module choice depends on the programme you wish to follow after the foundation year.

Programme details and modules listed are illustrative only and subject to change.

HOW YOU’LL LEARN
You will be taught through a mixture of lectures, tutorials, practical classes, problem classes, private study and supervised project work. In year one, lectures are supplemented by group tutorials and computing work is carried out in supervised practical classes.

Key study skills, presentation skills and group work start in first-year tutorials and are developed later in the programme. The emphasis in most modules is on the development of problem solving skills, which are regarded very highly by employers. Project supervision is on a one-to-one basis, apart from group projects in year two.

HOW YOU’RE ASSESSED
Most modules are assessed by a two and a half hour examination in January or May, but many have an element of coursework assessment. This might be through homework, class tests, mini-project work or key skills exercises.

LIVERPOOL HALLMARKS
We have a distinctive approach to education, the Liverpool Curriculum Framework, which focuses on research-connected teaching, active learning, and authentic assessment to ensure our students graduate as digitally fluent and confident global citizens.
Careers and employability

A mathematically-based degree opens up a wide range of career opportunities, including some of the most lucrative professions.

Typical types of work our graduates have gone onto include as an actuarial trainee analyst in the audit practice, a graduate management trainee risk analyst and as a trainee chartered accountant on a graduate business programme. Employers value mathematicians’ high level of numeracy and problem solving skills.

87.5% of Mathematical Sciences graduates go on to work or further study within 15 months of graduation.

Discover Uni, 2018-19.

Recent employers of our graduates include:
- Aston University
- Deloitte
- EuroMoney Training
- Norwich Union
- Venture Marketing Group
- Wolsley Group

PREPARING YOU FOR FUTURE SUCCESS

At Liverpool, our goal is to support you to build your intellectual, social, and cultural capital so that you graduate as a socially-conscious global citizen who is prepared for future success. We achieve this by:

- Embedding employability within your curriculum, through the modules you take and the opportunities to gain real-world experience offered by many of our courses.
- Providing you with opportunities to gain experience and develop connections with people and organisations, including student and graduate employers as well as our global alumni.
- Providing you with the latest tools and skills to thrive in a competitive world, including access to Handshake, a platform which allows you to create your personalised job shortlist and apply with ease.
- Supporting you through our peer-to-peer led Careers Studio, where our career coaches provide you with tailored advice and support.
Fees and funding
Your tuition fees, funding your studies, and other costs to consider.

TUITION FEES
Tuition fees cover the cost of your teaching and assessment, operating facilities such as libraries, IT equipment, and access to academic and personal support. Learn more about tuition fees, funding and student finance.

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<th>UK fees</th>
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<tr>
<td>Foundation year fee</td>
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<td>£5,140</td>
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<th>International fees</th>
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<td>This course is not available to international students.</td>
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Following the foundation years, standard course fees apply.
Fees stated are for the 2022-23 academic year and may rise for 2023-24.

ADDITIONAL COSTS
We understand that budgeting for your time at university is important, and we want to make sure you understand any course-related costs that are not covered by your tuition fee. This could include buying a laptop, books, or stationery.
Find out more about the additional study costs that may apply to this course.

SCHOLARSHIPS AND BURSARIES
We offer a range of scholarships and bursaries to help cover tuition fees and help with living expenses while at university.
Scholarships and bursaries you can apply for from the United Kingdom
Select your country or region for more scholarships and bursaries.
## Entry requirements

The qualifications and exam results you’ll need to apply for this course.

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<th>Your qualification</th>
<th>Requirements</th>
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<td><strong>A levels</strong></td>
<td>A typical offer is likely to be CDD at A level, in related subjects. Students with alternative A level combinations are welcome to apply but should expect to be made higher offers. For further information, visit <a href="http://www.carmel.ac.uk">www.carmel.ac.uk</a>, email <a href="mailto:degree@carmel.ac.uk">degree@carmel.ac.uk</a> or telephone +44 (0)1744 452 213. Applicants over 21 can be considered on GCSEs alone.</td>
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<td><strong>GCSE</strong></td>
<td>All applicants must have a minimum of five GCSEs at grade C/4 or above, including English Language, Mathematics and two Sciences. Core and Additional Science/Dual Science acceptable as the two Sciences. Alternatively, if separate sciences are being studied then one of these must be GCSE Physics. Applicants over 21 can be considered on GCSEs alone.</td>
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<td><strong>International qualifications</strong></td>
<td>Select your country or region to view specific entry requirements. Many countries have a different education system to that of the UK, meaning your qualifications may not meet our entry requirements. Completing your Foundation Certificate, such as that offered by the University of Liverpool International College, means you’re guaranteed a place on your chosen course.</td>
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ALTERNATIVE ENTRY REQUIREMENTS

- If your qualification isn't listed here, or you're taking a combination of qualifications, contact us for advice
- Applications from mature students are welcome.

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