UNIVERSITY OF LIVERPOOL

Data Science and Analytics for Health MSc

COURSE DETAILS

- Full-time: 12 months
- Part-time: 24 months

KEY DATES

- Apply by: 29 August 2025
- Starts: 22 September 2025

Course overview

Discover how to collect, analyse, interpret and present health data on this MSc. You'll combine this knowledge with the fundamentals of computer science. Using statistical analysis, data visualisation and digital technology, you'll learn how to identify data-driven enhancements to health care interventions and produce a significant piece of health data science research.

INTRODUCTION

Offering specialist training for current and aspiring health data scientists, this MSc combines research-focused teaching, training and development in an emerging discipline.

Whether you're an experienced professional, recent graduate or intercalating medical student, you'll benefit from our collaborative team-based approach. We'll tackle important health research questions and work with new forms of health data, you'll discover how health data science can enhance our understanding of disease and health care.

You'll receive a comprehensive overview of statistical concepts and explore the role of databases in modern information systems. A combination of theory and practice will prepare you for analysing, manipulating and interpreting the vast amounts of data generated in health care settings.

We'll also reveal the exciting potential of digital technology for enhancing health care interventions. This includes focusing on actionable analytics, thinking about how to transform data from information into actions that drive real-world improvements in health care settings. Further specialisation in advanced biostatistics, artificial intelligence and data mining is possible.

The culmination of the MSc is a significant research project that enables you to make an original contribution to knowledge in health data science.

This programme is supported by Health Data Research UK – the national institute for health data science.

This MSc has strong links to Civic Health Innovation Labs (CHIL), which has built an internationally recognised, multi and trans-disciplinary research centre tackling global health challenges with civic data and technology. CHIL provides dissertation research projects for students, focusing on areas such as healthcare data analytics, digital health solutions, public health informatics, and the application of technology in community health initiatives. These projects offer students the opportunity to work on cutting-edge research, contributing to meaningful advancements in global health.

The programme opens up a multitude of career opportunities globally, including in the health sector, industry, and academia. In the UK alone, demand for data scientists and data engineers has more than tripled over the past years, increasing by 231%, which translates to approximately 52,000 new jobs.

WHO IS THIS COURSE FOR?

This master's is suitable for you if you have a quantitative background (for example, a background in mathematics, statistics, computer science, physical science, biomedical science including epidemiology, biological sciences, or medicine*) and want to analyse and address health care problems using data.

Plus, if it suits you better, you can study some of the course modules as standalone CPD (Continuing Professional Development) modules. For more information contact: hdsseo@liverpool.ac.uk

*Please note these are examples only and are not the exhaustive list of backgrounds we accept. Please see our entry requirements for full details.

WHAT YOU'LL LEARN

- How to use health data to better understand disease and improve care.
- The benefits and challenges of applying data science to real-world health problems.
- Key statistical concepts, including variability, sampling and statistical inference.
- How to collect, analyse, interpret and present data.
- How to manipulate and evaluate health data sources.
- The use of databases in modern information systems.
- Fundamental concepts of computer science.
- Effective communication and teamwork skills.
- The role of digital technology in improving health care interventions.
- How to produce a significant piece of health data science research.

Course content

Discover what you'll learn, what you'll study, and how you'll be taught and assessed.

SEMESTER ONE

Please note, work towards the Dissertation module runs across the length of the programme. The dissertation itself is completed in semester three.

COMPULSORY MODULES

INTRODUCTION TO HEALTH DATA SCIENCE (DASC501)

Credits: 15 / Semester: semester 1

Using health data for research can help us to better understand the causes, prevalence, symptoms, and treatment of disease, as well as understanding how to improve health care systems. Health data science can improve our knowledge of health and care, and is an emerging discipline, arising at the intersection of statistics, computer science, and health. The health data science team can generate data-driven solutions through comprehension of complex real-world health problems, employing critical thinking and analytics to derive knowledge from data. This module will provide an understanding of the potential benefits and challenges in the application of data science to healthcare. Students will benefit from research-connected teaching with academic staff, and have opportunities for active learning including communication skills. The module will be taught via formal lectures, seminars from guest speakers, and practical communication sessions. Learning will be assessed via a coursework and a practical assessment.

STATISTICS FOR HEALTH RESEARCH (DASC502)

Credits: 15 / Semester: semester 1

Statistics is the science concerned with the collection, analysis, interpretation and presentation of data to extract knowledge. Understanding key statistical concepts is fundamental to the health data scientist. In this module students will be introduced to the concepts of variability and sampling and the different paradigms for statistical inference. The essential skills of reading data, structuring data, conducting statistical analyses and the importance of data visualisation will be covered to gain an in-depth knowledge and understanding of statistical methods used in the analysis and presentation of health data. Students will benefit from research-connected teaching with academic staff, and have opportunities for active learning. The module will be taught via formal lectures, seminars from guest speakers, and computer practical sessions. Learning will be assessed via a poster presentation and a practical assessment.

USING ROUTINE DATA FOR PUBLIC HEALTH (DASC503)

Credits: 15 / Semester: semester 1

The volume of data generated by modern healthcare and public health systems is immense. Unfortunately, this data is often disconnected, carries biases, and is encoded with diverse disease ontology frameworks. However, the opportunity to transform this reality is within our grasp. We can forge a more interconnected and fair health system through collaboration and collective effort. This module offers research-focused teaching, empowering students to effect change and emerge as leaders in the field. The curriculum comprises formal lectures, seminars from guest speakers, and hands-on computer lab sessions, ensuring students are well-prepared for the challenges ahead. Through a practical evaluation and a pre-recorded oral poster presentation, students will be equipped to make a tangible impact on real-world healthcare and public health challenges. Learning will be assessed via a practical assessment, and a poster and pre-recorded oral presentations.

DATA AND ENGINEERING FOR HEALTH RESEARCH (DASC509)

Credits: 15 / Semester: semester 1

This cutting-edge module is designed to equip students with the essential skills to thrive in the rapidly evolving field of health data science. The module integrates modern data and engineering techniques mastering the art of efficient data querying and management within relational database systems (SQL), and programming in Python and R to clean and preprocess data addressing challenges such as missing values and duplicates, as well as how to use of version control (GiT) to ensure the reproducibility and traceability of data-related projects. The module is structured to provide a comprehensive understanding of data handling techniques, ensuring students are well-prepared for the challenges in the health data science workflow. Assessment for the module is coursework based, consisting of two assessments designed to address authentic data analysis problems encountered by health data scientists.

DISSERTATION (DASC500)

Credits: 60 / Semester: whole session

Independent research is the defining feature of a postgraduate student. In this module, students will conduct a mix of applied and methodological research study under the supervision of one member of staff from Biostatistics, Computer Science or Public Health, with the potential addition of a domain expert or Health Care Professional if it is required by the subject of the dissertation. Students will identify the research question and use appropriate methodologies to answer a specific gap in existing knowledge in health data science. There will be a minimum of 12 hours of supervisory meetings to assist each student in achieving this. The written assessment is a 10,000 word dissertation.

Any optional modules listed above are illustrative only and may vary from year to year. Modules may be subject to minimum student numbers being achieved and staff availability. This means that the availability of specific optional modules cannot be guaranteed.

SEMESTER TWO

Please note, work towards the Dissertation module runs across the length of the programme. The dissertation itself is completed in semester three.

COMPULSORY MODULES

ACTIONABLE HEALTHCARE DATA ANALYTICS (DASC505)

Credits: 15 / Semester: semester 2

This module aims to equip students with the knowledge and skills required to transform health data into actionable information, which can be used to enhance healthcare services, policies, and outcomes. By integrating data science and informatics engineering, the module will focus on building technical and human systems that support research and business intelligence for health systems. It will cover the core elements of Learning Health Systems and the principles involved in developing and evaluating an informatics intervention through lectures, guest speakers, data labs, and workgroup discussions. This module will provide students with the informatics knowledge and skills to turn health data into information that can be actioned in health systems, producing improved care, better data, and better policies – a so-called Learning Health System. It will combine data science and informatics engineering approaches to building technical and human systems that underpin research and business intelligence for health systems. The students will learn about and assessed on the core elements of Learning Health Systems and the principles of developing and evaluating an informatics intervention. Learning will be assessed through an oral presentation where students communicate actionable findings based on a close-to-reality synthetic dataset and a written analysis report on six-week collaborative Data Lab exercise.

DISSERTATION (DASC500)

Credits: 60 / Semester: whole session

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OPTIONAL MODULES

PREDICTION MODELLING & JOINT LONGITUDINAL AND SURVIVAL DATA ANALYSIS (DASC506)

Credits: 15 / Semester: semester 2

In a rapidly evolving data landscape, the ability to predict outcomes and understand complex longitudinal and time-to-event data is of key significance. The module equips students with the skills to develop robust prediction models, unravel patterns within datasets to foresee future trends and outcomes, and employ statistical and machine learning techniques. It also delves into understanding how variables evolve over time by exploring the intricacies of survival outcomes and temporal dependencies through joint modelling of the two outcomes. Students will benefit from research-connected teaching with hands-on practical applications, translating theory into real-world practice. The curriculum also incorporates the latest research and advancements in the field through formal lectures and seminars featuring guest speakers.

HIGH-DIMENSIONAL DATA STRUCTURES AND LEARNING ALGORITHMS (DASC507)

Credits: 15 / Semester: semester 2

Real world health data often has complex structures, which can impact on individual health outcomes. Outcomes may depend on existing administrative or geographic structures, or the risk of developing disease may be based on complicated combinations of underlying factors. With growing access to high-dimensional datasets, both in health research, and across the data-science spectrum, suitable statistical methods are essential to harness the information within these datasets. This module will provide an understanding of how appropriate statistical methods can be selected, and teach the skills necessary to conduct analyses on real world data. In this module, students will learn a variety of statistical modelling and learning algorithms, and be introduced to state-of-the-art machine learning methods for data mining and classification. The tools developed during this module will provide students with the understanding and skills needed to perform complex analysis as part of a data science team in their future careers. Students will benefit from research-connected teaching with academic staff, and develop hands-on experience of data analysis in data-labs.

STATISTICAL GENETICS AND PHARMACOGENOMICS (DASC508)

Credits: 15 / Semester: semester 2

In today's healthcare landscape, understanding which genomic factors influence disease risk and treatment response is paramount. Our module delves into the pivotal role of genomic data in deciphering disease aetiology and tailoring treatment plans to individuals, aligning with the ambition of healthcare providers globally to integrate genomics into patient care. Through a blend of theoretical teaching and hands-on exercises, you'll gain proficiency in specialized statistical methods and programming necessary to navigate complex genomic datasets. From genotype quality control to polygenic risk scores, our comprehensive curriculum covers key analysis techniques essential for genomic research, including both traditional statistical techniques and machine learning methods. It assumes no prior knowledge of genomic data, with an introduction to the terminology and structure of the data, as well as to linux programming during the first two weeks. With a focus on practical application, and supplemented by guest lectures from leading experts, our module prepares you to be able to confidently analyse and interpret the huge and complex datasets that are typical within statistical genetics and pharmacogenomics research. Learning will be assessed via two practical assessments.

COMPUTATIONAL INTELLIGENCE (COMP575)

Credits: 15 / Semester: semester 2

Biologically inspired optimisation and introduction to neural networks for artificial intelligence.

DATA MINING AND VISUALISATION (COMP527)

Credits: 15 / Semester: semester 2

The module covers a range of topics and techniques for analyzing data. Students will learn about different types of data mining problems, including classification, clustering, association pattern mining, and social network analysis, as well as algorithms to solve them.

Students will program selected data mining algorithms from scratch using Python. This hands-on approach will allow them to gain a deeper understanding of how the algorithms work and how they can be applied to real-world datasets. They will experiment with different datasets to see how the algorithms perform and learn how to interpret the results.

MACHINE LEARNING AND BIOINSPIRED OPTIMISATION (COMP532)

Credits: 15 / Semester: semester 2

This module teaches you about bio-inspired algorithms for optimisation and machine learning. The algorithms are based on reinforcement learning, DNA computing, brain or neural network models, immune systems, the evolutionary version of game theory, and social insect swarm behaviour such as ant colonies and bee colonies. These techniques are extremely useful for searching very large solution spaces (optimisation) and they can be used to design agents or robots that have to interact and operate in dynamic unknown environments (e.g. a Mars rover, a swarm of robots or network of satellites). The idea of learning optimal behaviour, rather than designing, algorithms and controllers is especially appealing in AI.

EVALUATION OF HEALTHCARE INTERVENTIONS (DASC504)

Credits: 15 / Semester: semester 2

Digital technology offers great potential for improving the design, conduct and analysis of studies evaluating health care interventions. Recent evidence shows the utility of long-term follow-up of clinical trial patients through the electronic health record. Information collected directly from trial participants, through wearables, apps, and online patient-reported outcome measurement, can supplement routinely collected clinical data. Searching electronic health records for eligible patients that could benefit from a particular trial may improve the assessment of feasibility of trial recruitment and address known challenges. The aim of this module is to provide an awareness of how today's technology could improve the efficiency of randomised evaluations of health care interventions, and where further improvements are needed. Students will benefit from research-connected teaching, and have opportunities for active learning. The module will be taught via formal lectures, seminars from guest speakers, and discussion groups. Learning will be assessed via a coursework and a practical assessment.

Any optional modules listed above are illustrative only and may vary from year to year. Modules may be subject to minimum student numbers being achieved and staff availability. This means that the availability of specific optional modules cannot be guaranteed.

FINAL PROJECT

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COMPULSORY MODULES

DISSERTATION (DASC500)

Credits: 60 / Semester: whole session

Independent research is the defining feature of a postgraduate student. In this module, students will conduct a mix of applied and methodological research study under the supervision of one member of staff from Biostatistics, Computer Science or Public Health, with the potential addition of a domain expert or Health Care Professional if it is required by the subject of the dissertation. Students will identify the research question and use appropriate methodologies to answer a specific gap in existing knowledge in health data science. There will be a minimum of 12 hours of supervisory meetings to assist each student in achieving this. The written assessment is a 10,000 word dissertation.

Any optional modules listed above are illustrative only and may vary from year to year. Modules may be subject to minimum student numbers being achieved and staff availability. This means that the availability of specific optional modules cannot be guaranteed.

HOW YOU'LL LEARN

Each 15-credit module involves around 150 hours of study.

You can expect to spend 2-3 hours a week per module in taught study and 3-5 hours a week per module in self-managed independent study. The programme has a blended format with a mix of face-to-face and online lectures, workshops and practical sessions.

Full-time students will complete the programme in three semesters and part-time students will complete the programme in six semesters.

HOW YOU'RE ASSESSED

You'll be assessed through a variety of written critiques and reports, software practical exercises and written exams. You'll also be asked to present your work in a variety of formats, from oral presentations to a conference poster. All modules have active learning embedded within them.

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

Developing transferable skills to enhance your employability is a key theme of the programme.

Potential employers are involved in the delivery of the course and you will be able to attend careers events with representation from higher education institutions, the NHS, industry and government agencies. This will ensure you have a variety of opportunities to network and build useful contacts.

Whenever possible, your dissertation project will be linked with external partner organisations, connecting you to potential employment and career progression opportunities.

Career support from day one to graduation and beyond

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Career planning

Our Careers Studio and career coaches can provide tailored support for your future plans.

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From education to employment

Employability in your curriculum for a successful transition

Networking events

Make meaningful connections with like-minded professionals

YOUR FUTURE

The health sector is a fast-growing employment sector around the world. There is an increasing need for professionals with strong quantitative skills to evaluate health care interventions and information systems.

The MSc Health Data Science is tailored to develop the statistical and computational skills needed to pursue a successful career as a data scientist working in academia, healthcare or biopharmaceutical sectors.

99% **OF HEALTH SCIENCES STUDENTS FROM THE UNIVERSITY OF LIVERPOOL FIND THEIR MAIN ACTIVITY AFTER GRADUATION MEANINGFUL.**

Graduate Outcomes, 2018-19.

Fees and funding

Your tuition fees, funding your studies, and other costs to consider.

TUITION FEES

UK fees (applies to Channel Islands, Isle of Man and Republic of Ireland)	
Full-time place, per year	£12,500
Part-time place, per year	£6,250

International fees	
Full-time place, per year	£29,100
Part-time place, per year	£14,550

Fees stated are for the 2025-26 academic year.
Tuition fees cover the cost of your teaching and assessment, operating facilities such as libraries, IT equipment, and access to academic and personal support.

- You can pay your tuition fees in instalments.
- All or part of your tuition fees can be funded by external sponsorship.
- International applicants who accept an offer of a place will need to pay a tuition fee deposit.

If you're a UK national, or have settled status in the UK, you may be eligible to apply for a Postgraduate Loan worth up to £12,167 to help with course fees and living costs. **Learn more about fees and funding**.

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 that could help pay your tuition and living expenses.

We've set the country or region your qualifications are from as United Kingdom. Change it here

- ### POSTGRADUATE GLOBAL ADVANCEMENT SCHOLARSHIP – ACHIEVEMENT

  - International students

  If you're an international student joining a master's course with us, you could be eligible to receive a tuition fee discount of £2,500, based on your prior academic achievement, choice of course, and you not having studied with us before.

- ### POSTGRADUATE GLOBAL ADVANCEMENT SCHOLARSHIP – COUNTRY

  - International students
  - Antigua and Barbuda
  - Australia
  - Bangladesh
  - Barbados
  - Belize
  - Brunei
  - Canada
  - China
  - Cyprus
  - Dominica
  - Egypt
  - Ghana
  - Grenada
  - Guyana
  - India
  - Jamaica
  - Japan
  - Kenya
  - Malaysia
  - Mauritius
  - Mexico
  - New Zealand
  - Nigeria
  - Pakistan
  - Saint Kitts and Nevis
  - Saint Lucia
  - Saint Vincent and The Grenadines

- Singapore
- South Africa
- South Korea
- Sri Lanka
- Tanzania
- Thailand
- Trinidad and Tobago
- Turkey
- Uganda
- Vietnam

If you're an international student joining a master's course with us, you could be eligible to receive a tuition fee discount of £2,500, based on your nationality, choice of course, and you not having studied with us before.

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GRADUATE LOYALTY ADVANCEMENT SCHOLARSHIP

- Home and international students

If you're a University of Liverpool graduate starting this master's degree with us, you could be eligible to receive a loyalty discount of up to £2,500 off your master's tuition fees.

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CHILEAN NATIONAL AGENCY FOR RESEARCH AND DEVELOPMENT (ANID) SCHOLARSHIP

- International students
- Chile

If you're a Chilean student joining a master's degree, you could be eligible to apply for a 20% discount on your tuition fees with a Chilean National Agency for Research and Development (ANID) Scholarship. Scholarship.

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BRACKEN DATA SCIENCE SCHOLARSHIP

- Home students

Studying a data science master's in the School of Electrical Engineering, Electronics and Computer Science? If you live in the Liverpool City Region, with household income below £25,000, you could be eligible to apply for £5,000. One award is available per academic year.

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CHEVENING SCHOLARSHIPS

- International students
- Albania
- Algeria
- Anguilla
- Antigua and Barbuda
- Argentina
- Australia
- Azerbaijan
- Bangladesh

- Barbados
- Belize
- Bolivia
- Brazil
- British Virgin Islands
- Brunei
- Canada
- Cayman Islands
- Chile
- China
- Columbia
- Costa Rica
- Cuba
- Dominica
- Ecuador
- Egypt
- El Salvador
- Ghana
- Guatemala
- Guyana
- Honduras
- Hong Kong
- Iceland
- India
- Indonesia
- Iraq
- Jamaica
- Japan
- Jordan
- Kazakhstan
- Kenya
- Libya
- Malaysia
- Mauritius
- Mexico
- Moldova
- Mongolia
- Montserrat
- Morocco
- Nepal
- New Zealand
- Nicaragua
- Nigeria
- Pakistan
- Panama
- Paraguay
- Peru
- Philippines

- Russia
- Saint Kitts and Nevis
- Saint Lucia
- Saint Vincent and The Grenadines
- Serbia
- Singapore
- South Africa
- South Korea
- South Sudan
- Sri Lanka
- Sudan
- Taiwan
- Tanzania
- Thailand
- Trinidad and Tobago
- Turkey
- Turks and Caicos Islands
- Uganda
- Ukraine
- Uruguay
- Venezuela
- Vietnam
- Zimbabwe

If you're an international student from an eligible country, joining a one-year master's course, you could be eligible to apply for a Chevening Scholarship. If your application is successful, you could expect to have your master's fees paid, up to a maximum of £18,000, and receive additional help with living costs.

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CONSEJO NACIONAL DE CIENCIA Y TECNOLOGIA (CONACYT) AWARD

- International students
- Mexico

If you're a Mexican student joining a master's degree, you could be eligible to apply for a 30% discount on your tuition fees with a CONACyT Award.

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FUND FOR THE DEVELOPMENT OF HUMAN RESOURCES (FIDERH) AWARD

- International students
- Mexico

If you're a Mexican student joining a master's degree and you're in receipt of a FIDERH graduate loan, you could be eligible to benefit from a 20% discount on your tuition fees with a FIDERH Award.

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FUNED AWARD

- International students
- Mexico

If you're a Mexican student joining a master's degree and you're in receipt of a FUNED loan, you can apply to be considered for a 20% tuition fee discount. A total of up to 50 awards will be available to master's and PhD students per academic year.

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FUNED SCHOLARSHIP FOR WOMEN IN STEM SUBJECTS

- International students
- Mexico

If you're a female Mexican student joining an eligible master's course in a science, technology, engineering or maths (STEM) subject and you're in receipt of a FUNED loan, you can apply to be considered for a 25% tuition fee discount. Up to five awards are available in each academic year.

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HONG KONG GRADUATE ASSOCIATION & TUNG FOUNDATION POSTGRADUATE SCHOLARSHIPS

- International students
- China
- Hong Kong

If you're a master's student from Hong Kong or the People's Republic of China who can demonstrate academic excellence, you may be eligible to apply for a scholarship worth up to £10,000 in partnership with the Tung Foundation.

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HEALTH DATA RESEARCH UK MASTER'S DEGREE SCHOLARSHIPS

- Home students

Joining our Health Data Science MSc? If you're a UK student, you could be eligible to apply for £10,000 of funding and the opportunity to conduct a research project with one of HDRUK's partner organisations. Partners include Diabetes UK and Alzheimer's Research UK.

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HRH PRINCESS SIRINDHORN UNIVERSITY OF LIVERPOOL SCHOLARSHIP (THAILAND)

- International students
- Thailand

If you're a student from Thailand joining a one-year master's degree, you might be eligible to apply to have your tuition fees paid in full and receive help with living costs. One award is available and only students who are new to the University will be considered.

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HUMANITARIAN SCHOLARSHIPS FOR MASTER'S PROGRAMMES

- International students

Do you have recognised status as a refugee or person with humanitarian protection outside the UK? Or are you a Ukrainian who's sought temporary protection in the EU? You could be eligible to apply for the full payment of your master's fees and additional financial support.

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JOHN LENNON MEMORIAL SCHOLARSHIP

- Home students

If you're a UK student, either born in or with strong family connections to Merseyside, you could be eligible to apply for a fee discount of up to £4,500. You'll need to demonstrate an active interest in global, community and environmental issues to be considered.

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JUVENTUDESGTO SCHOLARSHIP

- International students
- Mexico

If you're a resident of the state of Guanajuato in Mexico joining a master's degree, you could be eligible for a 10% discount on your tuition fees with a JuventudEsGto Scholarship.

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KAPLAN DIGITAL PATHWAYS EXCELLENCE SCHOLARSHIP

- International students

Completed a Kaplan Digital Pathways Pre-Master's? We're offering a £5,000 fee discount off the first year of master's study for a maximum of two high achieving students joining one of our non-clinical master's courses from an online Kaplan Pre-Master's programme.

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MARSHALL SCHOLARSHIP

- International students
- United States

If you're a USA student joining an eligible master's with us, you could be eligible to apply for a Marshall Scholarship. If your application is successful, your master's tuition fees will be paid in full. One Marshall Scholarship for master's study is available in each academic year.

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POSTGRADUATE OPPORTUNITY BURSARY

- Home students

If you're a UK University of Liverpool graduate joining a master's degree with us, you could be eligible to receive £3,000 off your tuition fees. You must have graduated in the last two years and received a widening access scholarship during your undergraduate studies.

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SPORT LIVERPOOL PERFORMANCE PROGRAMME

- Home and international students

Apply to receive tailored training support to enhance your sporting performance. Our athlete support package includes a range of benefits, from bespoke strength and conditioning training to physiotherapy sessions and one-to-one nutritional advice.

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TURKISH MINISTRY OF EDUCATION SCHOLARSHIP

- International students

- Turkey

If you're a Turkish student joining a master's degree, you could be eligible to apply for a 20% discount on your tuition fees with a Turkish Ministry of Education Scholarship.

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UNIVERSITY OF LIVERPOOL INTERNATIONAL COLLEGE EXCELLENCE SCHOLARSHIP

- International students

Completed a Pre-Master's at University of Liverpool International College (UoLIC)? We're offering a £5,000 fee discount off the first year of master's study to some of the highest achieving students joining one of our non-clinical master's courses from UoLIC.

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UNIVERSITY OF LIVERPOOL INTERNATIONAL COLLEGE IMPACT PROGRESSION SCHOLARSHIPS

- International students

If you're a University of Liverpool International College student awarded a Kaplan Impact Scholarship, we'll also consider you for an Impact Progression Scholarship. If selected, you'll receive a fee discount worth £3,000 off the first year of your master's course.

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VICE-CHANCELLOR'S INTERNATIONAL ATTAINMENT SCHOLARSHIP FOR MAINLAND CHINA

- International students
- China

Are you a high-achieving graduate from the People's Republic of China with a degree from a Chinese university? You could be eligible to apply for a £5,000 fee discount if you're joining an eligible master's course. Up to 15 eligible students will receive this scholarship.

Entry requirements

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

Your qualification	**Requirements** About our typical entry requirements
GCSE	4/C in English and 4/C in Mathematics
Postgraduate entry requirements	We accept a 2:2 honours degree from a UK university, or an equivalent academic qualification from a similar non-UK institution. This degree should include substantial quantitative methods content in statistics and/or computer science. As part of your application, you will be required to provide a personal statement outlining your learning ambitions, past achievements in academic or professional activities relevant to the programme and data science experience to date. Please note, some of the optional modules on the course require programming skills of a standard equivalent to a first degree in computer science.
International qualifications	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.

THE ORIGINAL REDBRICK

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