Loughborough
University
London

Institute for
Digital Technologies

lborolondon.ac.uk/digital-technologies

Our achievements

TOP 10 UNIVERSITY
IN EVERY UK LEAGUE TABLE IN 2020

REF 2014 TOP 10 UNIVERSITY FOR RESEARCH INTENSITY

5th IN THE 'TABLE OF TABLES'
TIMES HIGHER EDUCATION 2020
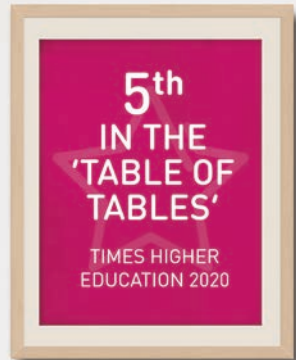
RANKED 4th IN THE UK
GUARDIAN UNIVERSITY GUIDE 2020

UK INDIA EDUCATION RESEARCH INITIATIVE
AWARD FOR HEALTHCARE PLATFORM

EUROPEAN DIGITAL CITY INDEX 2016
TOP CITY FOR DIGITAL ENTREPRENEURS

Welcome

London is one of the top cities in the world for developing the latest advances in technology, business and media, and offers a unique learning environment for anyone who shares a passion for digital technologies.

Our students and staff work together on various projects and activities throughout the year, which aim to benefit communities and organisations across the world. We also enjoy collaborating with a range of industry and academy partners.

We are committed to helping our students achieve great things, and encourage all of our students to build professional relationships with the organisations that interest them the most.

Our digital technology programmes provide graduates with the skills essential to thrive in the digital world.

Whether your goal is to launch your own business or support the development of an existing tech product or service, the Institute for Digital Technologies is dedicated to making your future ambitions a reality.

I hope to welcome you into our postgraduate community soon.

Best regards,

Professor Ahmet Kondoz
Director of the Institute for Digital Technologies

Contents

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"Studying in London has enabled me to connect with so many interesting organisations, from digital start-ups to the NHS"

—
Mirco
Digital Innovation Management MSc

Outstanding campus

Loughborough University London operates inside an 9,000m² collaborative learning space, providing state-of-the-art equipment and materials to ensure knowledge, research and creativity can thrive.

As a postgraduate student with us, you will gain 24-hour access to all of our facilities, including our campus library, which holds over 9,000 books, journals and papers. A further 50,000 resources can also be found online.

You will also have access to cutting-edge technology, including over 120 laptops available to hire, high-powered CAD computers, wide format printers, 3D printers, laser cutters and much more.

Inspiring location

Loughborough University London is located inside the former press and broadcast centres of the London 2012 Olympic and Paralympic Games.
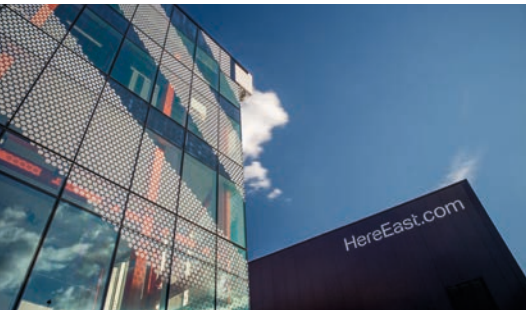
Known collectively as Here East, the space is home to a vibrant community of digital experts, creative start-ups, educators and entrepreneurs to push forward the latest technological advances and provide solutions to some of the world's biggest business and social problems.

🖵 lborolondon.ac.uk/location

Our neighbours include:

BT Sport

BT launched its own sports channel next door to our campus in 2013. Their site includes three state-of-the-art studios, 20 editing suites and seven galleries.

Infinity

With 140,000 sq ft of technical space, Infinity is the largest and most efficient data centre in Europe.

Plexal

Plexal innovation centre supports digital and technology start ups across the sport, health and fashion industries and those focusing on the Internet of Things (IoT).

Signal Noise

Signal Noise works with a range of clients, from small tech start-ups to global businesses to create the latest digital content and resources.

WORKING WITH MORE
THAN 30 ORGANISATIONS
FOR OUR UNIQUE
COLLABORATIVE PROJECT
MODULE

QS GRADUATE
EMPLOYABILITY
RANKINGS 2020
**1ST IN THE UK FOR
EMPLOYER-STUDENT
CONNECTIONS**

Maximising your employment prospects

Studying a postgraduate-level qualification is not just about your academic programme or area of research.

We offer a comprehensive package of guidance and support that is positioned at the core of every postgraduate's learning experience. Students can expect workshops on future career destinations and networking with potential employers alongside real-world experience from activities such as our Collaborative Project.

From interview master classes to industry leading guest speakers, and from company site visits to organisation-based collaborative projects, we will provide you with the tools and experiences you need to secure your future career goals.

Research degrees

Students undertaking a research degree with the Institute for Digital Technologies will have the opportunity to work with world-class researchers in the field and gain first-hand experience of real-life problem solving.

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"I enjoyed my master's with the Institute for Digital Technologies so much that I decided to study a PhD, and I am now an independent researcher in the area of autonomous systems."

—

Aubrey

Digital Technologies Doctoral Researcher

Digital Technologies PhD

£ See website (UK/EU), £22,350 (International)*

🕐 3 years full-time, up to 6 years part-time

🎓 An honours degree (2:1 or above) or equivalent overseas qualification.
IELTS: overall 6.5 with minimum 6.0 in each component.

Current research within the Institute focuses on several research themes, including:

Human behaviour analysis
i.e. affective computing and emotion recognition and biometric data processing.

Sports Analytics
i.e. multimodal data processing and analysis for insight generation into physical athlete performance.

Intelligent and Autonomous Mobility
i.e. pedestrian activity recognition and anticipation, and traffic analysis and optimisation in future cities.

Market Intelligence and Personalised E-Commerce
i.e. consumer profiling and digital psychological metrics (affect, personality, preference, coercive inclination etc) revealed by clickstream data, and social network analysis and insight generation.

Advanced 5G applications
i.e. intelligent network resource allocation, multi-access edge computing, mmWave 5G systems.

Trust, Identity, Privacy and Security
i.e. identification, evaluation and mitigation of emerging cyber-threats using advanced signal processing and machine learning methods.

*Fees correct for 2020/21 entry. For more details visit lborolondon.ac.uk

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Master's degrees

Each programme offers teaching from the most influential thought leaders, pioneering researchers and creative innovators, to expose students to the latest theories and developments from across the discipline.

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"The lecturers have incredible knowledge about the subjects, not just the theory but what is happening in the industry right now."

—

Sanjeev
Cyber Security and Big Data MSc

Cyber Security and Big Data MSc

£ £10,900 (UK/EU), £25,500 (International)*

🕐 1 year full-time, up to 4 years part-time

🎓 An honours degree (2:2 or above), or an equivalent overseas qualification recognised by Loughborough University in electronics, computing, physics, mathematics or a related discipline. IELTS: overall 6.5 with minimum 6.0 in each component.

This programme

Our Cyber Security and Big Data MSc will provide you with the very latest insights and tools so that you can respond to important challenges facing the digital world today.

Our Cyber Security and Big Data MSc will deepen your knowledge and expertise in network security, cryptography, data science, and big data analytics through action-based learning, analysis and research.

You will study through a series of lectures, seminars, group tasks, project work and independent study. You will also have the opportunity to take part in guest lectures and projects on a range of topics.

This programme will prepare you for careers in a wide range of digital technology roles, including data scientists and security experts.

Recent graduates of the programme have secured jobs as data scientists, security consultants and PhD scholars.

*Fees correct for 2020/21 entry. For more details visit lborolondon.ac.uk

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Digital Creative Media MSc

£ £10,900 (UK/EU), £25,500 (International)*

🕐 1 year full-time, up to 4 years part-time

🎓 An honours degree (2:2 or above), or an equivalent overseas qualification recognised by Loughborough University. IELTS: overall 6.5 with minimum 6.0 in each component.

This programme

Our Digital Creative Media MSc has been designed to develop your knowledge in the key digital technologies required for designing and developing creative media applications and contents.

If you have passion for understanding and influencing the interplay between creative media and innovative digital technologies for creating the future of digital media, then you will find our master's in digital creative media most suited to you.

Specific topics covered as part of this programme include gaming technologies, media production and creative media design and practices, digital application development, digital creative media audiences, markets and industries, and are taught by leading experts in these areas. You will also benefit from experience in 3D creative media and studio environments first-hand, so that you can better understand some of the most exciting applications of digital creative media.

Graduates of this programme will have the latest knowledge and skills required for pursuing several career pathways in a range of creative industries and related sectors.

Digital Finance MSc

£ £10,900 (UK/EU), £25,500 (International)*

🕐 1 year full-time, up to 4 years part-time

🎓 An honours degree (2:2 or above), or an equivalent overseas qualification recognised by Loughborough University. IELTS: overall 6.5 with minimum 6.0 in each component.

This programme

New for 2020, this programme is aimed at providing students with a comprehensive understanding of finance in the digital age and developing your skills to address associated challenges with the use of digital technologies in FinTech and related domains in the most effective way.

The programme will thus combine finance with complementary digital technologies to provide you with a unique academic experience.

Utilising digital finance techniques, students are expected to analyse and evaluate problems and respond to challenges faced by the finance specialists in the real world.

Students will use their knowledge of digital technologies in various elements of digital economy to create successful financial strategies incorporating associated cyber security and financial risk management methods.

The programme will provide graduates with employment skills essential to the digital finance related sectors, such as banking, accountancy, financial insight generation and managing financial and security risks in the digital world.

*Fees correct for 2020/21 entry. For more details visit lborolondon.ac.uk

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Digital Innovation Management MSc

- £ £10,900 (UK/EU), £25,500 (International)*

- 🕐 1 year full-time, up to 4 years part-time

- 🎓 An honours degree (2:2 or above), or an equivalent overseas qualification recognised by Loughborough University. IELTS: overall 6.5 with minimum 6.0 in each component.

This programme

Our MSc Digital Innovation Management programme provides a unique opportunity to combine knowledge of digital innovation with management insights and strategies, enabling you to stay ahead of one the fastest evolving trends in the world.

This unique programme will equip you with the necessary knowledge and skills to further your career in digital innovation or technology management, and you will be well prepared to launch your own digital enterprise, if desired. You will also complete the programme as a highly-desirable candidate for roles in the digital innovation, management and business sectors.

This programme is most suited to digital innovators with management aspirations, as well as business entrepreneurs with aspirations to generate new digital enterprise and innovation opportunities.

Our Digital Innovation Management programme, you will gain advanced knowledge and develop skills with a focus on the latest advances in digital technologies, such as cloud systems, Internet of Things, as well as tools for market analysis, data analytics and machine learning.

Digital Marketing MSc

£ £10,900 (UK/EU), £25,500 (International)*

🕐 1 year full-time, up to 4 years part-time

🎓 An honours degree (2:2 or above), or an equivalent overseas qualification recognised by Loughborough University. IELTS: overall 6.5 with minimum .0 in each component.

This programme

Developed in close collaboration with academic and industrial experts in the areas of marketing and digital technologies, our Digital Marketing MSc will provide you with a comprehensive understanding of digital marketing and strategic marketing management, as well as the associated challenges that face most marketers across a range of industries.

You will receive knowledge and experience of brand management, marketing communications, social media marketing, digital marketing and much more.

You will complete the programme with a range of practical tools and skills to help you in future digital marketing roles, including market research strategies, communication plans and campaign monitoring tools.

You will study through a series of lectures, seminars, group tasks, project work and independent study. You will also have the opportunity to take part in guest lectures and projects on a range of topics.

This collaborative learning environment will enable you to engage with a fascinating variety of external partners, and will ensure that you receive the latest industry knowledge and insights.

*Fees correct for 2020/21 entry. For more details visit lborolondon.ac.uk

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"The Collaborative Project module offers an excellent platform for students to apply their skills, knowledge and experience to find solutions for real-life problems set by a company or industry."
—

Yasantha
Digital Technologies alumnus

How to apply

*Applications for all of our programmes must be made online,
via the Loughborough University Application Portal.*

1
CHOOSE A PROGRAMME

2
CHECK THE ENTRY REQUIREMENTS

3
ESTABLISH THE COSTS

4
CHECK OUR SCHOLARSHIPS, BURSARIES AND FUNDING OPTIONS

5
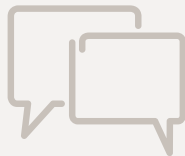BEGIN THE APPLICATION PROCESS ONLINE

lborolondon.ac.uk/apply

Apply now

Like what you see at Loughborough University London?

Submit an application online: **lborolondon.ac.uk/apply**

Chat to us

Join a live discussion with staff and students and receive instant responses to your questions by joining one of our regular webchats.

Find out more: **lborolondon.ac.uk/webchats**

Email us

E: **London@lboro.ac.uk**

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