



Loughborough
University
London

Institute for
Digital Technologies

www.lborolondon.ac.uk/digital-technologies

Our achievements



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.

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



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“The social, friendly environment creates a home away from home, and I couldn’t ask for a more like-minded and supportive environment in which to study.”
—

Presley

Cyber Security and Big Data MSc



Outstanding campus

Loughborough University London operates inside an 8,500m² 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 1.2 million resources can also be found online.

You will also have access to cutting-edge technology, including over 150 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.

 www.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.



QS GRADUATE
EMPLOYABILITY
RANKINGS 2018

FIVE-STAR
RATING



QS GRADUATE
EMPLOYABILITY
RANKINGS 2017

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.

From advice on future career destinations to networking with potential employers, we are the only institution to develop a comprehensive package of guidance and support that is positioned at the core of every postgraduate's learning experience.

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 PhD



Digital Technologies PhD, MPhil

- £ See website (UK/EU), £21,100 (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.

We support a diverse range of research projects under the supervision of experts in their respective fields. Some of our latest research activities include:

Artificial Intelligence and Intelligent Mobility Systems

- Human-like autonomous decision making
- Multimodal data fusion, machine learning systems (imitation learning, inverse reinforcement learning and transfer learning)
- Applications Areas: Driverless vehicle control systems in extreme circumstances, human-robot interactions, sports analytics for complex strategies planning in team sports, Internet user activities modelling, etc.

Interactive and immersive multimedia systems

- Fixed and mobile multimedia communication
- Creative mixed reality applications
- Human-computer interaction
- Gaming technologies

Networks and Communication Technologies

- 5G and beyond mobile systems
- Reconfigurable networks
- Internet of Things and applications

Cybersecurity

- Network security
- Applied cryptography
- Privacy-preserving techniques

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.

—
"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

£ £10,550 (UK/EU) £24,750 (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, PhD scholars, and sports

Digital Creative Media MSc

£ £10,550 (UK/EU) £24,750 (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.

Specific topics covered as part of this programme include gaming technologies, media production and creative media design, 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 knowledge and skills required to enter a wide range of careers related to creative media, particularly in the production, film and music industries.

Digital Design Innovation MSc

£ £10,550 (UK/EU) £24,750 (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 2019, our MSc Digital Design Innovation programme will offer an intensive one-year exploration of the latest opportunities and developments influencing digital design innovation.

Teaching from renowned academics in the areas of digital technologies and design innovation will enable you to develop your knowledge and understanding of the key digital technologies and design management methodologies, as well as their practical applications.

Modules on digital services and cloud applications, together with the digital design

innovation project will provide you with the latest insights and training on how to operate in the areas of digital design innovation.

The teaching is based on current and original research being undertaken by the Institute for Digital technologies and the Institute for Design Innovation, and will give you the opportunity to gain critical insights into the most innovative digital services and solutions.

This programme will enable you to progress successfully into a range of careers involving the design, research and management of digital products and services.

Digital Innovation Management MSc

£ £10,550 (UK/EU) £24,750 (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 of 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.

Digital Marketing MSc

£ £10,550 (UK/EU) £24,750 (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

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.

Digital Technologies MRes

£ £10,550 (UK/EU) £24,750 (International)

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

🎓 Upper second class honours degree (2:1) or equivalent in a wide range of subjects. In exceptional circumstances, an offer will be made to applicants who cannot meet the requirements but can demonstrate substantial relevant work experience. IELTS: overall 6.5 with minimum 6.0 in each component.

This programme

Studying our Digital Technologies MRes will give you a fascinating introduction to the life of a doctoral researcher. You will explore and gain knowledge of effective research processes, including the latest research design and methodologies. You will have the opportunity to work on your own research project under the supervision of pioneering researchers, and depending on your areas of interest, you will also gain access to teaching in data science, communication networks, Internet of Things, and digital application development.

You will also have access to a tailor-made professional development programme mapped to the Researcher Development Framework. Developed by Vitae, the programme will help you to identify your current skills and your future career goals, whilst offering a range of personal and professional development opportunities.



—
“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

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

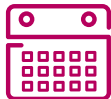
5

BEGIN THE APPLICATION PROCESS ONLINE



www.lborolondon.ac.uk/apply





Join our next open event
www.lborolondon.ac.uk/events

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