Northumbria University (London)

MSc Technology for Sustainable Cities (with Advanced Practice)

Study details

Course type: Master's degree
Degree: MSc Technology for Sustainable Cities (with Advanced Practice)
Study mode: Full time
Duration: 12 Month

Cost of study

Cost : 19 750 GBP
Reg. fee : N/A GBP
Scolarship :
Insurance : N/A GBP

Intake/s

Jan/May/Sep

Requirements

Academic requirements

- Minimum 2:2 honours degree, or equivalent, from a recognised university in any subject
- Bachelor Degree (4 Years)
- GPA of around 2.75/4.0 for courses requiring a UK 2:2 equivalent
- CGPA 3.2/4 or 4.0/5 for courses requiring a 2:1 equivalent

English language requirements

- IELTS 6.5 (or above) with no single element below 5.5 or equivalent.

If you don't meet the academic requirements

Applicants with non-standard prior learning and or relevant work experience and training are encouraged to apply. A CV (curriculum vitae) made up of prior work experience and training would need to be submitted for consideration by our faculty alongside the standard application.

Candidates coming through the non-standard route, such as through relevant work experience or old qualifications, will be invited to discuss their application.

All applications will be considered on an individual basis.

Accommodation

78a Vazha Pshavela Ave, Tbilisi, Georgia
Phone: +995 322 96 11 22
Mobile: +995 596 96 11 22

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Please note that your tuition fees do not include the cost of course books that you may choose to purchase, stationery, printing and photocopying, accommodation, living expenses, travel or any other extracurricular activities. As a Northumbria University London Campus student, you will have full access to our online digital library with over 400,000 e-books and 50,000 electronic journals.

· Contact time in class – typically in lectures, seminars and tutorials

· Access to facilities, including computers, on-campus Wi-Fi, printers, vending machines, quiet study spaces

· The support of our Careers & Employment Service who help you to become more employable, secure placements and run workshops

· Academic support – our ACE Team run multiple sessions on academic writing, presenting, exam techniques throughout the semester, as well as 1-2-1 appointments and drop-in sessions

· Student support services such as our Ask4Help Service. Find out more about the services available to you on our Student Support page

· Access to online resources, including 24/ 7 Library with over 400,000 e-books and 50,000 electronic journals.

Additional information

Overview

The UN estimates that by 2050, 68% of the world's population will live in urban areas; an extra 2.5 billion people on today's number. This rapid urbanisation is occurring at a time of global targets for reduced emissions. Cities are also estimated to be responsible for 80% of CO_2 emissions. The challenge for today's governments, urban planners, technical specialists and architects then, is how to support the sustainable development of our cities that reduce emissions and maximise efficiency whilst providing the basis for a culturally rich and exciting space to live.

Our MSc Technology in Sustainable Cities offers a multidisciplinary approach to planning sustainable urban solutions, developing computing expertise with urban planning technologies to prepare students for exciting careers applying technologies to more sustainable urban living.

Key facts

- You will work in QGIS or a similar cross-platform to view, edit and analyse spatial data and will be introduced to C++ or Python to create plugins
- You will develop a career plan and reflective log considering how your learning from the programme can accelerate the achievement of this plan
- Design an IoT solution for a sustainable smart city as part of your assessment
- This programme has been designed to meet the accreditation criteria of BCS, the Chartered Institute for IT for the purposes of meeting the academic requirement for registration as a Chartered IT Professional
- Upon completion of your programme, you will be eligible for the QA Professional Pathways programmes which will enable you to further develop your skills with one of the UK's largest providers of IT and project management training

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- The Advanced Practice includes an Internship or Group Consultancy Project, enhancing your employability with all-important work experience

What will I study?

Our marketing subject area has established working relationships with key bodies such as the Chartered Institute of Marketing (CIM) and the Institute of Direct and Digital Marketing (IDM) allowing the course content to be reflective of their syllabus. This is particularly of value if you are intending to progress on to a professional qualification with either body upon successful completion of your Masters.

The MSc Digital Marketing programme demonstrates how new digitally-focused tactics and strategies integrate with more traditional marketing tools and practices to capture new customers, build customer loyalty and provide superior customer service. You will understand the value of, and methods for, determining return on investment of Internet marketing programs, as well as online visitor and buyer behaviour, customer journey mapping, mobile marketing and social media.

You will also have the opportunity to develop a wider understanding of the principles and practice of leading and managing organisations and develop a range of applied research skills.

How will I be taught and assessed?

- Teaching is delivered through a mix of lectures, seminars and workshops, totalling around **13 hours per week**
- You're expected to engage in independent study, around **32 hours per week**
- **Assessment** for this programme takes place through group work, assignments, presentations and exams giving you multiple methods for you to show your understanding of the course material.
- Taught by **experienced lecturers and academics** who use their industry experience to demonstrate how theories translate into real-life situations.
- **Technology-enhanced** learning is embedded throughout the course to guide your preparation for seminars and independent research
- Benefit from **weekly academic support sessions** designed to build your ability and confidence as an academic learner
- You will be assigned a **guidance tutor** at induction who you will meet with regularly during your studies

Careers and further study

Graduates will be well suited to join a wide range of businesses, including graduate training schemes or even start up their own businesses or begin a professional qualification with one of the marketing industry bodies.

Upon successfully completing your course, you may undertake further professional development and training through Professional Pathways programmes. These are offered to our graduates for free, from our partner, QA. Find out more about Professional Pathways and your eligibility.

You can also gain access to the Northumbria University Graduate Enterprise scheme where we can help you with advice and skills to enable you to set up your own business.

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Advanced Practice stage

The Advanced Practice version of this course offers you a valuable opportunity to secure a work placement or complete a group consultancy project, giving you an experience of the workplace environment or live business issues, and an excellent way to put your learning into practice. This stage of the programme will take place between your second and final semester, and is a semester-long (12-15 weeks) in duration. Internships as part of the Advanced Practice stage may be paid or unpaid. The alternative consultancy module allows you to work in teams with a business organisation working on consultancy-based projects on real business scenarios. Whether you choose the internship or consultancy project you will successfully develop your business skills and further enhance your employability.

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