

FROM.

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openlab



Newcastle  
University

MSc in Human-Computer Interaction | 2020





The things we  
do here make a  
difference out there



## IMPACT

TOP  
**150**  
global university

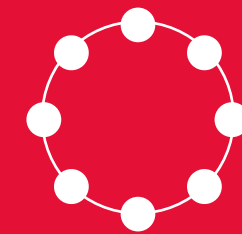
Ranked  
**16th**  
in the UK for  
**Research Power**

 **Best Research Unit**  
in the UK for **Impact**  
in Computer Science  
& Informatics

Founding member of the  
**RUSSELL  
GROUP**

## SOCIETY

### Widening Participation



A national leader in  
promoting fair access  
for students and groups  
under-represented in  
higher education



**Athena  
SWAN**  
Silver Award

For our commitment to  
**Gender Equality**

**1<sup>st</sup>** rating for  
sustainability  
class 



Teaching  
Excellence  
Framework

## EDUCATION

Top **10**  teaching  
excellence

Great student satisfaction

**86%** of our students are  
satisfied with their  
experience

Top **10**

in the UK for  
**student experience**  
for 4 years running

## OPEN LAB

Collaborating with  
**150**  
Partner Organisations

**55**  
PhD Students Trained  
as part of the CDT in  
**DIGITAL CIVICS**

Two shortlisted  
**Digital  
Leaders  
Projects**  
Awards 2020

# Looking for a sought-after creative career?

This MSc could be for you!

Our MSc in **Human-Computer Interaction (HCI)** will give you the skills to work in the in-demand field of **User Experience (UX)**, and you don't need to have a background in computing to apply.

# What is UX?

User Experience (UX) is a fundamental part of any technology from mobile apps to VR experiences.

UX looks at how humans interact with technology, and how products can be designed better for our needs.

Working in UX is a creative, fun, and challenging career path.

Are you creative? Interested in human behavior? Want to create products that can have real-world impact?

This course is for you.

We are looking for applicants from a range of degrees or backgrounds – not just from computing.

**Is it for me?**

We welcome applications from anyone, including graduates from, but not limited to: Psychology, Sociology, Art and Design, Engineering, and more!



**SOCIAL SCIENCES**

**COMPUTER  
SCIENCE**

**HCI**

**ENGINEERING**

**DESIGN**







# Careers in UX and HCI

## UX Designer:

User experience (UX) designers are involved in the design of digital products and technology, they work out how to create the best possible experience for the end-user.

**Starting salary in the UK: £19,000 - £25,000**

**Senior UX designer's salary: £65,000**

## UX Researcher:

A UX researcher delivers the best possible experience for the users of a website, making the website as straight-forward to use as possible.

**Starting salary in the UK: £20,000 to £25,000**

**Senior UX researcher's salary: £47,000**

## Interaction Designer:

Interaction designers make sure digital applications work and function in the hands of users.

**Starting salary in UK: £29,000**

**Senior Interaction Designer salary: £56,000**



# Our MSc

Our MSc is taught by staff from a world-leading HCI research lab within the School of Computing called Open Lab.

Open Lab is based within the School of Computing in the University's new and multiple award-winning £50M Urban Sciences Building.

Throughout the course you will learn the principles of human-centered design, how to design better products for human experiences.

You will also build an understanding about how the design of digital technologies can impact people at an individual, group or societal level.







# Design & Build

We have dedicated workshops and a Makerspace. They are all fully equipped for you to design, build and fabricate your own unique products and prototypes.



# Innovate

From cutting edge 3d printers, hand tools and laser cutters, if you can dream it, we'll help you build it!





# Why Newcastle?

Open Lab is based in Newcastle upon Tyne, one of the leading cities for HCI research in the world.

From a world-class campus in the heart of the city, to blue flag coastline, to its thriving tech scene, Newcastle has something everyone!



**World-class campus:** The Urban Science building is an impressive feat of modern and experimental architecture - a living laboratory with over 7000 sensors. Situated in The Helix, this area is being redeveloped for the next generation of international technologists and scientists.

**Affordable housing:** The average rents for flats in Newcastle-upon-Tyne are around £500 to £700 pcm, which is around £1000 to £2000 pcm cheaper than in London. With student areas like Jesmond, Heaton and Sandyford - there are plenty of houses.

**Access to the coast:** Newcastle is a 20-minute drive to the beach or 30 minutes by public transport. The North East has some of the most spectacular beaches in the country, known for its golden sands, surfing and blue flag waters.

**Culinary experience:** Newcastle is renowned for its spectacular night-life, but did you know that there are 24 restaurants in Newcastle and the North East included in the 2020 Michelin Guide?





**Grassroots culture:** Newcastle's creative quarter, the Ouseburn Valley, is home to some of the nation's best independent venues, cafes and bars - there's something for everyone to enjoy, day or night!

**Thriving tech scene:** Newcastle has a thriving tech scene of small and large businesses with over £22m invested in emerging tech between 2015-2019.

Last year Newcastle was awarded **Smart City of the Year** in the Digital Leaders 100 list.



**Beautiful bridges and more:** Newcastle is famous for its seven bridges which cross the river Tyne including the iconic Tyne Bridge and the Millennium Bridge.

Alongside its bridges, Newcastle is famous for its beautiful **Georgian architecture**, and is home to an array of cultural venues including the **Sage** – renowned for having some of the best acoustics in the world.





For more information, please visit:

[openlab.ncl.ac.uk](http://openlab.ncl.ac.uk)

[www.ncl.ac.uk/postgraduate/apply/](http://www.ncl.ac.uk/postgraduate/apply/)

[www.tinyurl.com/MScHCI](http://www.tinyurl.com/MScHCI)

And don't forget to follow:  
[@OpenLab\\_NCL](https://twitter.com/OpenLab_NCL) on Twitter

From Newcastle. **For the world.**