



MSc

# Disability, Design and Innovation



Global  
Disability  
Innovation  
Hub



UCL ENGINEERING  
Change the world

## MSc DISABILITY, DESIGN AND INNOVATION

The MSc in Disability, Design and Innovation is the flagship programme for the newly established Global Disability Innovation Hub.

The MSc DDI brings together world leading expertise in disability, technology and innovation from across the three founding partners:

- **UCL**
- **Loughborough University London (LU)**
- **London College of Fashion (LCF)**

## ON THIS PROGRAMME YOU WILL

- 1 Acquire a systematic understanding of the unique challenges of emerging technologies in an international development context.
- 2 Gain the ability to apply engineering design thinking and systems thinking to complex problems; taking into consideration social, political and ethical contexts in which the problem exists.
- 3 Plan studies, analyse data and explore methods of visualising data sets.
- 4 Apply the theory of appropriate technology production to specific disability-focused projects.
- 5 Receive hands-on experience of making products with embedded sensors and have expert knowledge in the challenges faced when deploying technology in the field.
- 6 Develop a business and marketing strategy for a range of products and services for both commercial and third sector organisations.  
  
The MSc has been designed to appeal to a wide range of students, focusing on engineers wishing to enter the international development job market; and those working in international development wishing to understand how ICT and technology more generally can be harnessed to improve the lives of the world's 1 billion disabled people. This multidisciplinary programme will create a new breed of graduates able to apply design thinking to the complex problem of disability.

## HIGHLIGHTS

- The first MSc in the emerging area of Global Disability Innovation
- Work across disciplines
- Apply engineering design thinking to real-world problems
- Learn to navigate complex socio-economic problems
- Develop an international network of colleagues

## DURATION

PG Cert (60 Credits), PG Dip (120 Credits) and MSc (180 credits), full time one year.

## LOCATION

You will be based primarily at the Global Disability Innovation Hub (GDIH) at UCL's Here East campus. However, in term 1, you will be at Loughborough London's campus (also at Here East) for the module on Design Thinking. In term 2 you will spend time at GDIH, Loughborough University London (LU) and one day a week at London College of Fashion's Business School (LCF).

## ENTRY REQUIREMENTS

**Route 1**  
A bachelor degree with a 2:1 (Hons) in Engineering, Social Sciences or a related subject.

**Route 2**  
Five years experience of working in international development, design or assistive technology development.

Note: students entering via Route 2 will be required to attend an interview.

## COURSE STRUCTURE

The MSc Disability, Design and Innovation consists of six compulsory modules and one option module.

Term 1, the following compulsory modules are taught:

- **Future Global Technologies for Disability and Development** (30 credits based at UCL)
- **Research Methods & Making Skills** (15 credits based at UCL)
- **Design Thinking** (15 credits based at LU)

Term 2, the following compulsory modules and an option module are taught:

- **Applied Business and Marketing Strategy for Disability Developments** (30 credits based at LCF)
- **Collaborative Unit** (15 credits based at LU)

Option Module, should be selected from:

- **Inclusive Design & Environments** (15 credits based at UCL)
- **Disability & Development** (15 credits based at UCL)
- **Accessibility & Assistive Technology** (15 credits based at UCL)

Term 3

- **Dissertation (60 credits)**

## CAREER OPPORTUNITIES

The MSc will equip you to move into jobs in:

- International development,
- Create start-ups or
- Work within larger corporations in the field of computing, accessibility and assistive technologies.

## FUNDING

Snowdon Trust scholarships are available to disabled students with a passion for learning.

## CONTACT

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**London E15 2GW**

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[www.disabilityinnovation.com](http://www.disabilityinnovation.com)

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 [@GDIHub](https://twitter.com/GDIHub)

## MSc DELIVERY PARTNERS



**ual:** london college  
of fashion

## FUNDING

**SNOWDON**

Investing in students with  
physical disabilities

**TRUST**

