Health Informatics MSc

Health informatics is the study of how information and information technology can transform the organisation and delivery of healthcare. This joint programme with the University of Manchester has been designed to develop a health informatics workforce, in the UK and internationally, able to address today’s challenges and prepare for tomorrow’s. We equip our students for leadership roles delivering change in healthcare.

Degree summary

You will learn about healthcare policy and strategy as it relates to informatics and about the design and implementation of the wide variety of digital systems used in delivering healthcare today. You will be able to tackle the technical details behind different approaches to engineering and implementing these systems as well understanding how to engender change. You will also acquire skills in analysing and presenting data.

The programme is delivered through a collaboration between UCL and the University of Manchester, the two largest teams in this field in the UK.

The programme is supported by the NHS graduate management training scheme and a wide range of other employers. You will join a cohort with a diverse mix of educational and technical backgrounds, and this shared experience is one of strengths of the programme.

The programme is delivered through a mix of face to face teaching and online learning, designed to fit into your working life. Assignments are often relevant to students’ working lives and many students complete a dissertation in their place of work.

Each taught module is delivered largely online over eight or nine weeks with a short block of intensive face to face teaching. The online element includes video lectures, podcasts, written material as well as exercises and discussions. The face to face teaching includes lectures, seminars and experiential learning. Students will be required to spend 3 days per module on campus. The rest of the learning will be delivered online. For half the modules, the 3 day element of face to face teaching will be at UCL, for the other it will be at the University of Manchester. Students will also be asked to attend a separate induction day based at UCL at the start of the year.

Degree structure

Mode: Full-time: 1 year; Part-time: 2 years; Flexible: up to 5 years
Location: London, Bloomsbury

Students undertake modules to the value of 180 credits. The programme consists of four compulsory modules (60 credits), four optional modules (60 credits), and a dissertation (60 credits).

Please note that the list of modules given here is indicative. This information is published a long time in advance of enrolment and module content and availability is subject to change.

<table>
<thead>
<tr>
<th>Compulsory Modules</th>
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</thead>
<tbody>
<tr>
<td>Essentials of Informatics for Healthcare Systems</td>
</tr>
<tr>
<td>Health Information Systems and Technologies</td>
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<tr>
<td>Informatics Standards and Interoperability</td>
</tr>
<tr>
<td>Principles of Health Data Analytics</td>
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<th>Optional Modules</th>
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<tr>
<td>Learning Health Systems</td>
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<td>Modern Information Engineering</td>
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<td>Usable Systems Design</td>
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<tr>
<td>Digital Transformation Project</td>
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<td>Patient Safety and Clinical Risk</td>
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<tr>
<td>Citizen-driven Informatics</td>
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<tr>
<td>Decision Support Systems</td>
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Dissertation/Report

All students undertake an independent research project which culminates in a report in the form of a journal article of up to 6,000 words (60 credits).

To address travel costs associated with this degree, bursaries are available for self-funding students of up to £250 per module, to contribute towards travel/accommodation costs associated with four modules of the programme, as chosen by the student.

The bursaries can be used towards: the cost of travel to and from Manchester or London (depending on the module location) accommodation costs. Please note: the bursary does not cover subsistence costs.

To apply for a travel bursary, applicants must email the admin team at UCL (e.rodrigues@ucl.ac.uk).
Your career
You will be prepared for technical and management roles leading the
digital transformation of healthcare. Graduates of the programme have
gone on to leadership roles in the NHS and other healthcare
organisations here and overseas. Some of our graduates have moved
into roles in industry in pharmaceutical companies or consulting
organisations. Others have gone on to further study, taking on PhDs or
fellowships while others have launched their own businesses.

Employability
The programme encourages intellectual curiosity, creativity, and critical
thinking. It teaches transferable skills for lifelong learning and cultivates
reflective practice. Through the development of these skills, you will
rapidly have an impact in your workplace. The content is designed by
staff working at the forefront of change reflects the latest thinking on
healthcare. You will develop as an individual and as a team member. We
work closely with healthcare organisations and other employers to
ensure the informatics knowledge, know-how, skills and understanding
we deliver are relevant and valued.
Entry requirements

A minimum of an upper second-class Bachelor’s degree in a relevant discipline from a UK university or an overseas qualification of an equivalent standard. A relevant Master’s degree from an appropriately accredited institution is desirable.

English language proficiency level

If your education has not been conducted in the English language, you will be expected to demonstrate evidence of an adequate level of English proficiency.

The level of English language proficiency for this programme is: Good. Information about the evidence required, acceptable qualifications and test providers is provided at: www.ucl.ac.uk/graduate/english-requirements

Your application

There is an application processing fee for this programme of £75 for online applications and £100 for paper applications. Further information can be found at: www.ucl.ac.uk/prospective-students/graduate/taught/application.

FEES AND FUNDING 2019/20 ENTRY

// UK: £To be confirmed (FT), £To be confirmed (PT)
// EU: £To be confirmed (FT), £To be confirmed (PT)
// Overseas: £To be confirmed (FT), £To be confirmed (PT)

The tuition fees shown are for the year indicated above. Fees for subsequent years may increase or otherwise vary. Further information on fee status, fee increases and the fee schedule can be viewed on the UCL Students website.

Fees for flexible, modular study are charged pro-rata to the appropriate full-time Master’s fee taken in an academic session.

University of Manchester Dual Award.

Full details of funding opportunities can be found on the UCL Scholarships website: www.ucl.ac.uk/scholarships

APPLICATION DEADLINE

All applicants: 26 July 2019

Details on how to apply are available on the website at: www.ucl.ac.uk/graduate/apply

CONTACT

Ms Espy Rodrigues, Education Admin Lead

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Telephone: 02035495300

EU referendum

For up-to-date information relating to specific key questions following the UK’s decision to leave the EU, please refer to www.ucl.ac.uk/brexit