PAEDIATRICS AND CHILD HEALTH: MOLECULAR AND GENOMIC PAEDIATRICS MSc
2017/18 ENTRY

www.ucl.ac.uk/graduate/childhealth
Paediatrics and Child Health: Molecular and Genomic Paediatrics MSc

This comprehensive programme is intended for professionals specialising in paediatrics and child health and is based at the Institute of Child Health, which sits in a unique position in UK paediatrics because of its strong links to Great Ormond Street Hospital for Children and UCL.

Degree summary

Students on this pathway gain an understanding of the principles of evidence-based paediatrics, and of the impact of molecular genetics on diagnosis and management of the child and family. They will build an awareness of current and future developments in paediatric medicine and child health and gain the skills necessary to critically appraise practice and policy, and undertake independent research if the full MSc is taken.

The Institute of Child Health pursues an integrated, multidisciplinary approach to enhance understanding, diagnosis, therapy and prevention of childhood diseases. Our research and our educational portfolio covers a broad range of paediatric issues, from molecular genetics to population health sciences, and our structure facilitates interdisciplinary work and follows flexibility for the development of new areas of investigation.

Our close relationship with the Great Ormond Street Hospital for Children means that much of our research and teaching is combined.

Students benefit from excellent facilities in both laboratory and non-laboratory subjects. The programme is delivered through a combination of lectures, seminars, tutorials and research project supervision. Assessment is through a combination of multiple choice questions and short answer questions, essays, posters, presentations, reflective portfolios, critical appraisal of the literature and, for the full MSc, a dissertation and oral presentation.

Degree structure

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

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

A Postgraduate Diploma (120 credits, full-time 9 months, flexible 2-5 years) is offered. The programme consists of four core modules (60 credits) and four optional modules (60 credits).

A Postgraduate Certificate (60 credits, part-time 1 year, flexible 1-2) is offered. The programme consists of four core modules (60 credits).

Degree structure

CORE MODULES
- Evidence-based Child Health
- Research Methodology and Statistics
- Students must also choose at least two further core modules from the following:
  - Molecular Biology of Normal Development and Birth Defects
  - Molecular and Clinical Aspects of Childhood Cancers
  - Clinical Genomics, Genetics and Rare Diseases
- Please note: those modules not taken as core will still be available as options

OPTIONAL MODULES
- Students must take at least two modules from those available across the other pathways of the Paediatrics and Child Health MSc, with the following modules particularly recommended for students in this area:
  - Stem Cells and Tissue Repair
  - Molecular Aspects of Cell and Gene Therapy
  - Clinical Applications of Cell and Gene Therapy
  - Applied Genomics

DISSERTATION/REPORT
- All students undertake an independent research project which culminates in a dissertation of 10,000 words.
Your career

The programme provides an ideal foundation for further doctoral research in this field and/or a career in research and evidence-based practice in paediatrics.

Employability

The first cohort of students on the Paediatrics and Child Health: Molecular and Genomic Paediatrics MSc will graduate in 2016, therefore no information on graduate destinations is currently available.
Entry requirements

Medically qualified applicants should have post-qualification experience in paediatrics or child health. Non-medically qualified applicants should normally have a minimum of an upper second-class UK Bachelor’s degree or an overseas qualification of an equivalent standard, and several year’s specialist experience of working in hospitals, community child health or public health services for children and families.

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

Students are advised to apply as early as possible due to competition for places. Those applying for scholarship funding (particularly overseas applicants) should take note of application deadlines.

When we assess your application we would like to learn:

// why you want to study Molecular and Genomic Paediatrics at graduate level
// why you want to study Molecular and Genomic Paediatrics at UCL
// what particularly attracts you to this programme
// how your academic and professional background meets the demands of this challenging programme
// where you would like to go professionally with your degree

Together with essential academic requirements, the personal statement is your opportunity to illustrate whether your reasons for applying to this programme match what the programme will deliver.

FEES AND FUNDING 2017/18 ENTRY

// UK: £9,560 (FT)
// EU: £9,560 (FT)
// Overseas: £23,710 (FT)

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 Current Students website.

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

APPLICATION DEADLINE

All applicants: 1 September 2017

Details on how to apply are available on the website at:

www.ucl.ac.uk/graduate/apply

CONTACT

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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/eu-referendum

PDF Updated: July 07, 2017

This information is for guidance only. It should not be construed as advice nor relied upon and does not form part of any contract.

For more information on UCL’s degree programmes please see the UCL Graduate Prospectus at www.ucl.ac.uk/graduate