Vision Research MRes

This programme is based at the UCL Institute of Ophthalmology, which is world renowned for the translation of biomedical research into new therapeutic advances in eye disease. Students will be embedded in the research environment, have the opportunity to conduct an independent research project, and to work alongside world-leading experts.

Degree summary

Students will develop key transferable personal and professional skills to independently conduct an extended empirical research project supervised by world-leading experts in the field of vision research. Students will also learn about the fundamental biology of the eye in health and disease, providing key knowledge to support their research project.

- The UCL Institute of Ophthalmology is recognised globally for its outstanding record in basic biomedical research, much of which has been translated into important advances in novel and innovative therapies.
- The Vision Research MRes is a unique programme that will combine existing high-quality research-informed teaching at the institute with a substantial empirical research project.
- The opportunity to participate fully in academic life as part of a research team will provide networking opportunities across the spectrum of biomedical research taking place at the institute, UCL and elsewhere, thereby increasing exposure to further opportunities in research.

The programme is delivered through a combination of lectures, journal clubs and workshops. Assessment is through essays, oral presentations, problem-based tasks and a research dissertation.

Degree structure

Mode: Full-time: 1 year
Location: London, Bloomsbury

Students undertake modules to the value of 180 credits. The programme consists of two core modules (30 credits), three optional modules (45 credits) and a dissertation (105 credits).

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<th>CORE MODULES</th>
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<tr>
<td>/// Bioscience Research Skills</td>
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<td>/// Research in Practice</td>
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<th>OPTIONAL MODULES</th>
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<tr>
<td>/// Students choose three of the following:</td>
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<tr>
<td>/// Genetics and Epidemiology of Ocular Disease</td>
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<td>/// Ocular Cell Biology</td>
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<tr>
<td>/// Ocular Development in Health and Disease</td>
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<td>/// Ocular Immunology</td>
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<tr>
<th>DISSERTATION/RESEARCH PROJECT</th>
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<td>/// All students undertake an independent research project which culminates in a dissertation of 18,000 words.</td>
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Your career

The Vision Research MRes will develop the necessary competitive skills to pursue a research degree at PhD level in the field of biomedical sciences. Graduates will offer prospective employers skills in research development and practice, suitable for further research careers in academia, industry or business.

Employability

A unique feature of the Vision Research MRes is the delivery of key elements that are essential for the development of an internationally-competitive career in biomedical research. The research expertise at the institute will be fully harnessed to prepare students for a new era in research in the global employment market. Students will develop critical understanding of a range of research-related knowledge and skills, including quantitative and qualitative tools for the implementation, management and dissemination of research. The programme will give students both the fundamental knowledge and skills base to address complex issues of global significance in health and wellbeing.
Entry requirements

A minimum of an upper second-class UK Bachelor’s degree in either medical, biomedical, biological or life sciences, or an overseas qualification of an equivalent standard. Applicants with other science degrees or appropriate professional qualifications and/or work experience will also be considered on an individual basis. Overseas students will have to provide evidence of their proficiency in the English language.

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 Vision Research at graduate level
// why you want to study Vision Research at UCL
// what particularly attracts you to this programme
// how your personal, 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: £10,430 (FT)
// EU: £10,430 (FT)
// Overseas: £25,490 (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.

The Institute of Ophthalmology currently offers the following bursaries for successful applicants on our postgraduate taught master’s degrees: One £5,000 Duke Elder bursaries for non-clinical courses (available for successful applicants on the Biology of Vision, Applied Immunobiology, Applied and Regenerative Neuroscience, and Vision Research degrees). These bursaries are open to home and overseas students and will be received in the form of a fee reduction only.

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

Mr Andrew Dehany, Education Administrator

Email: msc.ioo@ucl.ac.uk

Telephone: +44 (0)20 7608 6768

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

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