This MRes is an innovative research-led programme which brings together expertise from across the Faculty of Brain Sciences and offers you the opportunity to work and train with leading researchers at one of the most highly regarded centres of excellence in brain science in the world.

Degree summary
Students will gain an understanding of the human brain and its disorders from the molecular to systems level that will reflect the interdisciplinary breadth of cutting-edge research in brain sciences conducted at UCL. Students will gain theoretical and practical knowledge of core personal and professional skills that underpin excellence in research.

This comprehensive programme will provide core knowledge and skills, and ensure that prospective PhD candidates are thoroughly acquainted with the background as well as with the expanding scope of the field.

The unique curriculum will develop knowledge and insight into the broad and interdisciplinary scope of brain science through practical experience and exposure to contemporary topics in brain sciences research delivered through a series of innovative masterclasses led by internationally renowned researchers at UCL.

With an empirical research project encompassing two-thirds of the programme, quantitative and qualitative tools for research will be developed including core skills in the implementation, management and dissemination of research.

The programme is delivered through a combination of lectures, seminars, independent study, journal clubs, independent and collaborative problem-based tasks, practical demonstrations and classes, computational work, and a supervised empirical research project. Assessment is through online tasks, unseen written examinations, essays, oral presentations, research-based tasks and a primary research article.

Degree structure
Mode: Full-time: 1 year
Location: London, Bloomsbury
Students undertake modules to the value of 180 credits. The programme consists of three core modules (45 credits), one optional module (15 credits) and an extensive empirical research project (120 credits).

Core modules
- Research Methods I
- Research Methods II
- Contemporary Topics in Brain Sciences Research

Optional modules
- Students choose one of the following 15-credit optional modules:
  - Cellular and Molecular Mechanisms of Disease
  - Introduction to the Brain and Imaging the Brain
  - Structure and Measurement of the Human Brain
  - Introduction to Cognitive Science
  - Principles of Cognition
  - Molecular Pharmacology
  - Developmental Neurobiology
  - Receptors and Synaptic Signalling

Dissertation/research project
- All students undertake an independent research project which culminates in a dissertation in the form of a journal article and an oral examination.
Your career
This programme will prepare students for research careers in academia, industry or business, nationally or internationally. The first cohort of students on the Brain Sciences MRes will graduate after 2014, therefore no information on graduate destinations is currently available.

Employability
The programme provides a broad understanding of brain sciences. The aim is to give students the best chance of obtaining a place on a relevant PhD programme. In addition the programme includes taught elements that will enhance employability. Transferable skills include statistical training, communication skills, training in research ethics, research governance and in enterprise.
Entry requirements

Normally a minimum of an upper second-class Bachelor of Science degree from a UK university in an appropriate scientific discipline (e.g., neuroscience, cognitive science, biological and biomedical science, medicine, anatomy, physiology, psychology, computer science) or an overseas qualification of an equivalent standard. Preference will be given to applicants who have both core knowledge of direct relevance to the MRes programme and relevant expertise and skills in empirical research.

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 Brain Sciences at graduate level
  // why you want to study Brain Sciences at UCL
  // what particularly attracts you to this programme
  // how your academic and professional background meets the demands of this 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: £13,230 (FT)
// EU: £13,230 (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.

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

APPLICATION DEADLINE

All applicants: 28 July 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

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